



# YOUR PASSION OUR VISION

2022 CATALOGUE



## ASUS ExpertBook B5

## Power to turn your business world



Laptop

**Best Laptop Brand** Winner 2020

ASUS ExpertBook B5 is an ultralight, kilogram-class laptop series available in both traditional clamshell (B5302C) and 360° convertible forms (B5302F), and with optional FHD OLED display panels, for the ultimate in portability, flexibility and clarity. The new ExpertBook B5 laptops are built for business success in style, with a precision-crafted and minimalist chassis that pushes the limits of lightness. They're also set for stress-free travel with an amazing 14-hour battery life\*, and are engineered with many cutting-edge technologies to improve on-the-go work efficiency. These include an 11th Gen Intel<sup>®</sup> Core<sup>™</sup> processor, Al noise cancellation and dual-SSD RAID support and ASUS NumberPad 2.0. The all-new ExpertBook B5 models are also packed with features to protect personal privacy and business data, including a built-in fingerprint sensor and TPM 2.0 chip.

TA TO

\* Actual battery life may vary depending on product configuration, usage, operational conditions and power management settings. Battery life will decrease over the lifetime of the battery.

## WHAT'S NEW

### ASUS ExpertBook B5 Flip



Strong, flippable power for learning



### ASUS Expert Center D9 SFF PAGE 68

Maximum productivity, rock-solid reliability



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## WHY ISUS

ASUS is passionate about technology and driven by innovation. We dream, we dare, and we strive to create an effortless and joyful digital life for everyone.

We're always in search of incredible ideas and experiences, and we aspire to deliver the incredible in everything we do.



ortune has praised us as one of the World's most admired companies for 5 years. They rated us as one of the top leading companies in the tech industry.



Forbes has named ASUS among the Top Regarded Companies annual survey that evaluates companies on topics such as trustworthiness, social conduct, performance of the company's product or service and the company as an employer.

# Interbrand

We have topped Interbrand's annual brand survey for the past several years. We have been ranked as Taiwan's most valuable brand for 7 consecutive years.



ASUS has been named as a Top 100 Global Technology Leader by Thomson Reuters. The program identifies the tech industry's most operationally sound and financially successful organizations with excellent products and services.

**Over** 14,500

Employees worldwide



World-class R&D team 200+

Countries

**57,156** Awards Won Since 2001 **1** 72,477

*Green Certifications won in 2019 alone* 

## INCREDIBLE ASUS STORIES



The durability of ASUS products has been tested — and proven — in some of the most challenging environments imaginable. Below are just a few incredible, real-life ASUS stories.

# Outperforming competitors through 600 days in outer space

R & K, a major supplier of computers and electronic equipment for aeronautical missions to outer space, provided MIR Space Station astronauts with two ASUS notebooks for their 600-day stint in space. "The ASUS notebooks never overheated like some of the devices made by other companies," said Russian cosmonaut Sergei Avdeev.

### First to reach the tallest peak in Antarctica

On December 16, 2003, acclaimed mountaineers Shi Wang and Jian Liu embarked on an expedition to the summit of Mount Vinson — the tallest peak in Antarctica — where temperatures are known to drop below minus 100 degrees Fahrenheit. The device they chose to take with them was an ASUS S200N notebook.

### First To Reach The Top Of Mount Everest

For a Mount Everest expedition, a mountaineering team selected a series of ASUS notebooks—the ASUS U5, ASUS S6, ASUS W7 and ASUS U1—as their devices of choice. At the base camp elevation of 5,000m above sea level, other notebooks failed to boot up, due to extremely low ambient temperature; however, the ASUS notebooks functioned without incident. Expedition team leader, Captain Wang Yongfong, took an ASUS U5 notebook with him to the peak: At 8,848m above sea level, an ASUS notebook became the first in the world to reach the top of Mount Everest.

## WORLDWIDE ACHIEVEMENT

- No.1 consumer notebook company in Asia-Pacific \* (Excluding China and Japan)
- Top 2 consumer notebook company in China
- Top 3 consumer notebook company in the world

– Source: IDC 2019



The Best Notebook Choice



Motherboard Brand In The World



**Global Recognition** 

#### No. 1 motherboard brand in the world

ASUS makes the world's best-selling, most award-winning motherboards, shipping over 550 million units since 1989. They also form the reliable heart of every ASUS laptop.

#### One of the world's most admired companies

ASUS has been named as one of the top 10 World's Most Admired Companies by Fortune Magazine in 2021, for its contribution to the computer industry.

#### 57,156 Awards Won Since 2001

From 2001, ASUS earned 57,156 awards from some of the most prestigious international organizations and media groups around the world.

#### ASUS earned 69,965 green certification in 2020 alone

ASUS was the first global IT company in the world to achieve EU Ecolabel certification for laptops, and achieved 69,965 similar labels globally in 2020.

#### Most valuable international brand from Taiwan

ASUS is ranked as the most valuable international brand from Taiwan for the seventh consecutive year in the 2019 Taiwan Global Brands Survey, conducted by world-leading brand consultancy Interbrand.

#### Top 100 Global Technology Leader

ASUS has been named as a 2019 Top 100 Global Technology Leader by Thomson Reuters, reaffirming the company's position as a top technology brand.

#### Top 100 Global Innovator

Facing fierce competition among 14,000 other organizations, ASUS entered the esteemed echelons of the Derwent Top 100 Global Innovators 2021 report.



## WORLDWIDE ACHIEVEMENT

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We've achieved over 1/3 of the global market share and the best selling and most-award winning motherboard brand. Since 1989, we have shipped over 550 million MB. Placed End to end, they would form a chain long Enough to circle the globe more than 4 times!





ASUS is **the best-selling** graphic card brand since 2005 and **the most award-winning** brand which is well-known for high quality and performance.



ASUS is the **No.1** consumer notebook brand in Asia-Pacific, **No.2** in China, Central and Eastern Europe, and **No.3** in worldwide sales, which brings innovative, ultraportable, and stylish laptops.





ASUS gaming notebooks account for the highest market share, around 19%, making them **No.1** worldwide.

**/5US** / 06

## 57,156 AWARDS WON SINCE 2001



ASUS and ROG gaming monitors have dominated the worldwide market for four consecutive years and continue to be the **No.1** choice for gamers!



Since 2001, ASUS has earned a total of 57,156 awards from some of the most prestigious international organizations and media groups around the world. Each award is a testament to our relentless quest and commitment to creating solutions designed for everyone to joy.



## THE WORLD'S BEST LAPTOP BRAND

Laptop

Best Laptop Brand Winner 2020

### Best Laptop Brand of 2020

ASUS was crowned by Laptop Mag as the world's best laptop brand of 2020, with the highest scores and across-the-board praise for innovation, design, value and selection. The publication commented that "ASUS is a laptop maker that is known for state-of-the-art innovation.". The exceptional results of both the innovation and design awards reflect the strong commitment of ASUS to providing users with leading-edge solutions and exceptional designs.



### Best Business Choice Laptop Winner 2021

ASUS also triumphed in the annual PCMag reader survey, beating all other competitors to be elected the winner of the Best Choice 2021 award for laptops running Windows. Readers of the respected publication voted ASUS their favorite Windows laptop brand across multiple categories, including for cost, reliability, ease, battery life, support and overall satisfaction. ASUS was also the Windows laptop brand that the readers were most likely to recommend to others.

## ASUS BUSINESS SOLUTION READY



#### Modern Office

ASUS values its relationship with businesses, no matter what their size. Micro-businesses with limited IT budgets; large enterprises that require simplified remote management; sales operations that require rapid mobility and security; or designers and engineers seeking high performance computing — all these customers can rely on ASUS to provide comprehensive solutions tailored to their unique technology requirements.





#### **Retail & Service**

In the highly competitive consumer market, it is vital to use technology to improve communication with customers, while focusing limited manpower on providing customer service. Therefore, the use of integrated information technology equipment and information services to help improve customer satisfaction — while promoting customer loyalty and repeat purchases — is the key to survival in the retail and services sector.

#### Education

We are here to help you cultivate the minds of the next generation with a total solution for progressive and innovative learning. Education is what countries are built on. For society to progress and nations to sharpen their competitive edge, education must constantly innovate. At ASUS, we look into the future with your current needs in mind to design the ideal education experience. We believe that with technology, every student can benefit from an individualized learning experience that is as effective as it is engaging. Because in today's digital age, learning does not need to be confined to the classroom — it can be accomplished anytime, anywhere with the help of mobile technology and the cloud. Unsurprisingly, forward-looking schools are attaching increasing importance to their oncampus information infrastructure. And we are here to provide you with the total education solution.



## WHY ASUS EXPERT SERIES

Designed with ever-changing business needs and priorities in mind, ASUS realizes the importance of reliability, mobility, and flexibility in today's competitive environment, where productivity returns are the key benchmark for investment decisions. That's why at ASUS, we never stop innovating.

ASUS Expert Series has been developed with your business in mind, we blend the latest technologies with award-winning minimalist designs.

So Whatever you business computing requirement, there is a perfect ASUS business products to fill it.





## THE CORE VALUE OF ASUS EXPERT SERIES

- Quality That Exceeds Industry Standards
- Enterprise Grade Security
- Business-class Manageability
- Built With The Environment In Mind
- Global 3-year Warranty
- Maximum Support, Minimal Effort

## QUALITY THAT EXCEEDS INDUSTRY STANDARDS

Business and enterprise users demand higher quality and greater reliability than consumers, so all ASUS Business PCs undergo rigorous quality testing to much higher standards than mainstream models. They offer proven reliability in all aspects, and be extraordinarily tough enough to tested with industry-leading militarygrade MIL-STD-810H durability standards.

MILITARY GRADE MIL-STD 810H Multiple Tests Passed

All 2021 ASUS commercial models and onwards will be tested according to the demanding MIL-STD 810H military-grade standard to ensure maximum reliability and durability.



#### **Panel Resistance Test**

Panel resistance tests ensure that the display can endure unexpected bumps or pressure.

#### **Strong Hinge Test**

Vigorous testing with over 50,000 open / close cycles helps ensure exceptional hinge strength.

## Keyboard Durability Test

To ensure ultimate keyboard durability, specially designed ASUS robots test individual keys with millions of keystrokes.

#### **Port Test**

Port tests ensure that contacts and plugs are durable even in environments where devices are frequently connected and disconnected.





## Durability Testing

ASUS Expert Series is built to last, even after continuous daily use. All units are put through extreme tests to ensure the display, hinge, structure and ports are built to last.

## Impact Testing

Expert Series PCs are tested to be tough enough to keep working after sudden impacts, so there's no need to worry about everyday knocks and bumps.

#### **Drop Test**

Drop tests check the resistance of the chassis and internal components to damage from unexpected drops.



#### **Shock Test**

Shock tests ensure a laptop can withstand unexpected impacts such as accidental bumps, or jarring movements during shipping.

#### **Twist Test**

Twist tests confirm that the chassis is strong enough to retain structural integrity even when uneven pressures applied.

#### Vibration Test

Extensive vibration testing ensures that the chassis and internal components can withstand even the most extreme travel conditions.

## Environment Testing

ASUS Expert Series PCs are built to withstand the most extreme environmental conditions and are designed to work anywhere in the world, no matter where you are.

#### **Altitude Test**

This tests the ability to survive extremes of altitude encountered in shipping by air or air travel.

#### **Temperature Test**

Extremely high or low temperatures tests ensure PCs' functions consistently for users everywhere.

#### **Acoustic Test**

PCs undergo fan, hard drive, and power-supply noise tests to ensure the quietest performance possible.



#### EMC Test

This ensures that ASUS PCs perform well in internal or external electromagnetic fields.



## ENTERPRISE GRADE SECURITY

Modern IT threats can strike businesses from any place and from all angles. Security needs to cover every entry point with multiple layers of protection, so ASUS Expert Series products provide total security using multiple hardware and software layers, ranging from physical hardware protection to identity security to protect your data from unauthorized access. ASUS also offers a series of asset-management solutions for IT managers.

### **IT Management**

It allows Management Information System (MIS) staff to remotely control and manage company assets, making sure all digital data is safe and sound



#### Intel vPro

The intel vPro platform support hardware-based data encryption at the file, folder, and drive levels. Accelerate encryption and protect keys directly within the hardware.



#### **ASUS Control Center**

A centralized IT management software that supports Windows® Active Directory authentication, registry editor and USB storage disabling, to ensure that all data and information is controlled and secured.



#### Al Security

MIS can enable/disable external USB devices or optical drives writing or reading data to restrict user's access right to get confidential data or reduce virus infection.

### **Identity Security**

Identity security protection helps prevent attacks by hackers looking to capture passwords and encryption keys for sensitive data



#### **Fingerprint Sensor**

The fingerprint sensor lets you use Windows Hello technology to quickly and securely login with just a touch.

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#### BIOS / HDD Password

The HDD password protects all data stored on the hard disk, keeping the data safe from being read or overwritten by unauthorized users.

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#### Trusted Platform Module (TPM2.0)

A TPM chip securely stores the authentication information (such as passwords or encryption keys) used by software to protect important data and transactions.

### Hardware Protection

Hardware-based protection ensures robust physical security for your PCs and notebooks



Kensington Security Slot & Padlock

The Kensington type locks are useful to prevent quick grab-and-run thefts of equipment from casually supervised locations.



#### **Chassis Intrusion Alert**

The chassis intrusion alert would show on BIOS during next boot once your PC case had been opened.



## **BUSINESS-CLASS** MANAGEABILITY

ASUS Expert Series simplifies asset-management processes for MIS staff, as well as for end users.



### **ASUS Control Center**

#### **Comprehensive Centralized IT Management**

Hardware & Software Monitoring

System administrators can easily monitor hardware

ASUS Control Center is centralized IT management software that provides efficient, intuitive and secure solutions. The software is capable of monitoring and controlling servers, workstations, laptops, desktops, and digital signage to deal with the demands of challenging IT environments.



### status, software utilization, services, and inventory.

#### Task Scheduler



Once the Task Scheduler is setup, it automatically runs routine tasks such as turning devices on and off and dispatching software.

#### Enhanced Security

ASUS Control Center supports Windows® Active Directory authentication, registry editor and USB storage disabling.



#### Advanced Search and Grouping

The unique Metadata Management lets you tag devices with custom information.



Integrate ASUS ASMB & Intel® Data Center Manager (Intel DCM) technology to provide real-time power consumption data.

#### Intuitive User Interface







### **ASUS Business Manager**

#### **Easy Individual PC Management**

ASUS Business Manager is a PC-based platform that consists of hardware, software, and firmware to provide unique security and productivity capabilities.



#### System Backtrack

Establishes a checkpoint to restore the system to its optimal status.



### My Logo

Allows businesses to customize an exclusive boot-time logo.



#### Device lock

Device lock controls read/write access to USB storage devices, card readers, and optical drives.



### File Shredder

For complete and secure file deletion. The settings pass US Army AR380-95, DoD 5220.22-M and DoD 5220.22-M(E) standards.

#### Secure Drive

Allows creation of an encrypted virtual partition in your local drive (such as the C: drive) where you can save your important data.







### **ASUS UEFI BIOS**

#### Media-acclaimed BIOS

This helps with team device identification and enables easier management of individual PCs.









Safe BIOS Updates

Energy Saver

User Friendly Interface

Exclusive Mouse Control

## BUILT WITH THE ENVIRONMENT IN MIND

ASUS Expert Series is built with the environment in mind. Exclusive technologies help ASUS business PCs optimize energy use to meet the industry's highest environmental certifications. ASUS Expert Series respects the environment while lowering your operating costs.





### PRODUCING

Since 2013, ASUS introduced postconsumer recycled plastic as mechanical housing in commercial notebook.

#### Achievement :

Using post-consumer recycled plastic, at least 20% estimated reduction of carbon emission in manufacturing phase can be expected by replacing conventional materials.



**USING** 

Since 2012, packaging design department improved the folding structure of the packaging materials, this method received relevant patents.

#### Achievement :

The volume of the packaging for 15 inches notebook was 39% smaller than the old one.



### PACKAGING

ASUS continuously designs exclusive technologies that raise energy efficiency on hardware and software.

#### Achievement :

In 2012, 100% of our new laptop computers were Energy Star qualified products. Moreover, the average power consumption of ASUS NBs is 45% lower than Energy Star standard.



### RETIRING

Galvanized support for recycling programs and ensures that charitable organizations benefit from these initiatives.

Achievement : Eliminates harmful substances from the production process and uses recyclable packaging materials.

## Meet the industry's highest environmental certifications

In 2020 alone, ASUS earned 69,965 green certification from some of the most prestigious international organizations around the world.

69,965 Green Certifications











## GLOBAL 3-YEAR WARRANTY



### 100% FREE Labor & Spare Parts Warranty Service

### International Warranty in 82 Countries

We're confident in the quality and durability of our products, so we provide a 3-year international warranty in 82 countries worldwide for ASUS Expert Series laptops.

Albania	<b>Slovenia</b>	Montenegro	<b>Kyrgyz</b>	France 0033-170949400	Azerbaijan	Sri Lanka
+355-42256031	+38618888585	+382-20608251	008-800-100-2787		008-800-100-2787	Please contact nearest disti
Bangladesh 09612332787	Switzerland 0041-848111014	<b>♥ Oman</b> +96824794814	<b>Italy</b> +39 06 97626662	Iceland       Please contact       nearest disti	Bulgaria +359-70014411	Turkmen     Qatar       008-800-100-2787     +974-44327061
Canada	Ukraine	Russia	Macedonia	Japan	Czech Republic	Vietnam     Slovak Republic       1800-6588     00421-232162621
1-888-678-3688	+38-445457727	008-800-100-2787	+38923215473	0570-063-120	+420-552302313	
<b>Egypt</b> +2-02 25949086	Armenia 008-800-100-2787	<b>SOUTH AFRICA</b> 0861278772	Myanmar Please contact nearest disti	Latvia +371-67408838	•     •     Georgia       •     •     008-800-100-2787	Bahrain     Sweden       +973 17100035     +46-858769407
Greece (+30) 211 1985051	Belarus 008-800-100-2787	<b>Taiwan</b> 0800-093-456	Philippine +63-2-7985700	Malaysia 1300-883495	● India 1800-2090365	Cambodia UAE Please contact nearest disti
<b>Ireland</b>	<b>China</b> 400-600-6655	United Kingdom	<b>SAUDI ARABIA</b>	Nepal	Jordan	Denmark
+353-1890719918		+44-1442265548	800-820-0-426	Please contact nearest disti	+962 6 5936781	0045-38322943
<b>Kosovo</b>	<b>Estonia</b>	<b>Australia</b>	<b>South Korea</b>	Poland	Lebanese	Germany
+383 38 551 895	+372-6671796	<b>*</b> 1300-2787-88	+82-2-1566-6868	+48-225718040	+961 3 441142	+49-(0) 2102-5789557
Lithuania-Vilnius	Hong Kong	<b>Belgium</b>	Thailand	Serbia +381114300328	Malta	Indonesia
+370-52101160	+852-3582-4770	0032-78150231	+66-2-401-1717		+39-0697629789	1500128 (Local Only)
Moldova	<b>Israel</b>	Croatia	USA	Spain	Netherlands / Luxembourg	g Kazakh
008-800-100-2787	+972-1-700-72-11-77	+38517776152	1-855-755-2787	+34-932938154	+31-591570290	8-800-080-5242
<b>Norway</b>	<i>Kuwait</i>	<b>Finland</b> 00358-969379690	Austria	C* Turkey	Portugal	Lithuania-Kaunas
+47-2396 2691	+96522615060		(+43)-13602775461	+90 850 5222787	+351-211156011	+370-37329000
Romania	Macao	Hungary	<b>Bosnia Herzegovina</b>	Uzbekistan	Singapore       +65 - 6636 9163	Mexico
+40-21-330 1786	0800997	+36-15054561	+38770311100	008-800-100-2787		01-800-836-7847

\* Service and warranty coverage may vary depending on country and territory. Please check with your local detailer to confirm the options available.

\* Please visit the ASUS support site at http://WWW.asus.com/support for current and complete ASUS warranty information and exact international warranty coverage of every countries.

\* Although we endeavor to present the most accurate and comprehensive information at the time of publication, we reserve the right to make changes without prior notice.

## UPGRADE TO PREMIUM SERVICE



#### **ASUS Premium Care**

Upgrade your standard warranty with ASUS Premium Care and keep your ASUS products in tip-top condition with an extra year of protection! ASUS Premium Care has several levels of cover to suit your needs, so you can create a tailor-made package to fully protect your ASUS products. ASUS Premium Care includes a wide range of benefits, including:

### What to Purchase

- Extended warranty period
- Accidental Damage Protection (ADP)
- Defective HDD Retention (DHR)

How to Purchase

- Open the Windows Start Menu and click the MyASUS icon. Once opened select My Product Warranty.
- Go to https://serviceshop.asus.com (Service is not available in all markets. Please check with your local supplier for exact offers)
- Contact your local service center for more details

### When to Purchase

• ASUS Premium Care must be purchased and activated within 90 days of your ASUS product purchase date.



## MAXIMUM SUPPORT, MINIMAL EFFORT

The ASUS Business Service Package offers an enhanced range of solutions that go beyond the standard warranty to meet the needs of business-critical IT environments. The extended offerings protect your business — not just the hardware, but also customized service solutions that best meet your needs.

#### Benefits:

- Minimize downtime by leveraging ASUS scale and skills.
- Improve efficiency via door-to-door service with highly trained experts.
  - Manage all your assets with a tailor-made service package including all your support needs.

#### Ready for business, ready for all you need



**Comprehensive 24x7 Support** 24x7 priority access to hardware and software experts.



#### **Accidental Damage Protection**

This helps avoid repair or replacement costs due to mishaps that occur during normal operation of devices.



**3-Year International Warranty** 

100% free of charge, with no hidden costs. Covers over 83 countries. \* Laptops only



#### MyASUS App

This exclusive app lets you get in touch with customer service, know your device's repair status, access product instruction manuals, etc.

\* Must be purchased and activated within 9 days of your ASUS product purchase date.





### **ASUS Service Center**

City	ASUS Service Center Address	Telephone Number	Work Hours
Dhaka	65, Lake Circus Kalabagan, (Dolphin Goli), Dhaka-1205.	01973257936 / 0197357939	Sat-Thu: 10:00-18:00
Dhaka	ECS Computer City, Multiplan Center , Level 13,, New Elephant Road Dhaka-1205.	(880960) 234-3434	Wed-Mon: 10:00-19:00
Chattogram	RF Chittagong Computer City, Zohura Tower (1st Floor) 1401 Sk Mujib Road , Chowmohony Agrabad Chattogram.	01915476370	Mon-Sat: 10:00-19:00
Khulna	Jalil Tower Computer Market (2nd Floor) 77, Lower Jessore Road , Khulna Shop # 326-328.	01977476388	Wed-Mon: 10:00-19:00
Sylhet	R B Complex (2nd Floor) Est Zinda Bazar, Sylhet 3100.	01969633295	Thu-Tue: 10:00-19:00
Bogura	Al-haj Sheikh Sharif Uddin Supper Market, Shop #122-126 & 146-150 (1st Floor), Nobab Bari Road, Bogura.	01969603505	Fri-Wed: 10:00-19:00
Feni	Kazi Plaza (2nd Floor) 107, SSK Road,Feni –3900.	01958510733	Sat-Thu: 10:00-19:00
Rajshahi	Gourhanga Greater Road (1st & 2nd Floor) Holdings-25,Ward-13,P.S:Boalia,Rajshahi.	01977476583	Sun-Fri: 10:00-19:00
Rangpur	124 Mourisu Velly, Shallow Market(Grand Hotel More) ,Road No#1, Station Road, Rangpur.	01755168704	Mon-Sat: 10:00-19:00
Kustia	Harun Plaza (3rd Floor), Holding # 147, N.S. Road, Kushtia Sadar, Kushtia –7000.	01969633204	Tue-Sun: 10:00-19:00
Jessore	Holding # 39, Shop #501-502, M.K Road, Jess Tower (4th Floor), Jessore.	01969633023	Wed-Mon: 10:00-19:00
Comilla	House #491/437, Artisan Nasir Center (5th Floor) Nazrul Avenue, Kandirpar, Comilla – 3500.	01969633183	Thu-Tue: 10:00-19:00
Barishal	121, Sadar Road, Ghosh Point (3rd Floor), Barishal.	01977476512	Fri-Wed: 10:00-19:00



## SUCCESS STORIES



#### Power Construction Group Guizhou Engineering Co., Ltd

#### China | ExpertBook P5440

"I need a powerful computer, since I have to use rendering and data analysis. P5440 is a great fit for my everyday usage; I opened the CAD or MATLAB within 10 seconds only, comparing with my old laptop that took me 3 minutes."

"P5440, a lightweight commercial laptop with dustproof, helps me accomplish various tasks in the strict environment."

"P5440 has long battery life and reliable performance for me to handle with various tasks in any circumstance, such as looking over the real-time status of the wind energy in the wilderness."



deck under strong sunlight.

Besides, the touchpad is

"Each journey took over 6 hours

from departure to boat mooring

and I much appreciated that

P5440 long battery life help me

"Thanks to P5440's fast boot

time and stable connection,

I was able to load real-time

information, such as speed,

status, route, etc., to deal with

any situation during each

voyage."

to complete each mission."

responsive to zoom in/out."

#### Kaohsiung City Police Department

Taiwan | ExpertCenter D830MT and D630MT

Kaohsiung City Police Department was looking for high performance, easy maintenance and reliability in order to process "Advanced video recognition system", helping them to identify suspects and analyze criminal behavior.

Now, Kaohsiung City Police Department has equipped its centers with ExpertCenter D830MT and D630MT powered by Intel® 7th gen Core™ Processors & vPro™ Platform — not only quipped ultimate performance, but also projected the real-time status to three 4K/2K displays.

#### La Salle College Antipolo

Philippines | ExpertCenter D320MT

"I think this partnership with ExpertCenter is very timely because we really need to be at par with the technological stability of other schools."

"We should make sure that we are with a company that's highly reliable. We also want to make sure that the after support that is provided to our students and our teachers will be fully maximized also."





#### **Bangpakong Hospital**

Thailand | ExpertCenter S340MC

"ASUS S340MC desktop computer was our impressive assistant. Because the processing is faster, stronger, and the most impressive is the built-in WiFi that exceeds expectations and has never been found on any desktop computer from other brand before"





## ASUS EXPERTBOOK

### Future of Mobility

In our fast-paced world, work is no longer confined solely to the office. ExpertBook laptops are designed to focus on take-anywhere mobility, crafted with lightness, power, and toughness, while prove that business laptops can also be stylish, sophisticated and elegant, helping your business to project a truly professional outlook. Along with the robust security features, you're allowed to get things done fast, securely, and intelligently, anytime and anywhere.

## UNRIVALED MOBILITY

### To Keep Up with You Anytime and Anywhere

Stamina-packed power, high capacity, and seamless connectivity — all the power mobile business life needs is all contained in an incredibly light, compact and tough body. Crafted with lightweight materials, slim bezels, and rock-solid construction, ExpertBook series can always keep up with you through the busiest working day. Also, its precision-crafted chassis is finished in elegantly classic gray and black, creating a truly professional impression wherever you go.

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As of March 1, 2019 based on internal ASUS market analysis comparing ExpertBook P5440 laptop size to competing products in its class (laptops with a 14" screen) from vendors including Dell, HP and Lenovo.
As of March 1, 2019 based on internal ASUS market analysis comparing ExpertBook B9440 laptop size to competing products in its class (laptops with a 14" screen) from vendors including Dell, HP and Lenovo.
As of Mar 1, 2019 based on internal ASUS market analysis comparing ExpertBook P3540 laptop size to competing products in its class (laptops with a 14" screen) from vendors including Dell, HP and Lenovo.
As of Mar 1, 2019 based on internal ASUS market analysis comparing ExpertBook P3540 laptop size to competing products in its class (laptops with a 15" screen) from vendors including Dell, HP and Lenovo.
As of Sep 1, 2019. Based on internal ASUS market analysis comparing the size of ExpertBook B9 to competitor products from vendors including Acer, HP, Huawei, Lenovo, Microsoft and Samsung. Actual weight may vary by specs.



reddot award 2019 winner

**P3540** The world's lightest 15" business laptop with 16-hour battery life<sup>3</sup>

### **Global** awards

ExpertBook has won Red Dot design awards for three years running. These awards recognize the business-focused design excellence that helps business users work more effectively.



reddot winner 2020

**B9450** The world lightest 14" business laptop<sup>4</sup>



reddot award 2017 winner

**B9440** The world's lightest 14" business laptop<sup>2</sup>



reddot award 2018 winner

#### P5440

The world's lightest dual-storage 14" business laptop<sup>1</sup>



## ASUS Mobility: Light, Tough, **Productive and Truly Elegant.**



#### Ultralight and ultratough<sup>1</sup>

**75LIS** 34

Selected ExpertBook utilizes advanced materials such as lightweight magnesium alloy - an advanced material widely used in automotive and aerospace applications that's incredibly rigid and tough, with high corrosion resistance and good heat dissipation, but is 30% lighter than standard aluminum alloy.

> 1. Please check the detailed specification of each products. The image is derived from ExpertBook B9440 for reference. 2. Please check the detailed specification of each products. The image is derived from ExpertBook P3540 for reference. 3. Tested with MobileMark 2014. Maximum battery life varies according to configuration, settings, wireless functionality, usage, and environmental factors. 4. Unless otherwise stated, all performance claims are based on theoretical performance. Actual figures may vary in real-work

#### Rock-solid construction<sup>2</sup>

The solid chassis construction for selected laptops incorporates features that provide extra structural rigidity to cope with all the rigors of everyday business life.





#### Reinforced hinge connection

bottom case to strengthen the hinge



#### Steel support brace

pressure that may damage the hardware inside.




### Larger display, more compact size

The slim-bezel NanoEdge display provides more screen in less space, for an incredibly compact footprint and lightweight portability. Business travel with a large-screen laptop has never been easier.



### Ultrafast SSD and high-capacity HDD

Dual storage is the standard specification that ExpertBook features, which give business users the benefit of the ultrafast data access with an SSD and huge storage capacity of the HDD. It's the perfect combination to supercharge your productivity.



### All-day stamina, anywhere

Not to let you down during the meetings or extended journeys, all ExpertBook offers at least 10 hours3 battery life — a full working day — on a single charge, so you can stay productive for longer when you're far away from power outlets.



#### Farther

Smooth FHD Youtube video streaming at distances of up to 300 meters or more<sup>4</sup>



### Internet without bounds

With optimized placement of WiFi antenna and the dual-band WiFi 6 with the highest specification (WiFi 6 2x2 160MHz) in ExpertBook, you'll enjoy faster and more reliable WiFi connections.



# US MILITARY GRADE RELIABILITY

## Heavy duty robustness even during travel

All ASUS ExpertBook is extraordinarily tough enough to tested with industry-leading military-grade MIL-STD-810H durability standards for reliability and durability, undergoing a punishing test regime that includes extended tests for operation in harsh environments like extreme altitudes, temperatures and humidity to potential accidents like drops, knocks, and spills. It has also passed ASUS internal laptop tests that far exceed the standards set by the industry.



Drop Test

120cm drop while powered on to mimic desk accident



Shock Test Withstand 18 harsh shocks at the speed of 40G/11ms with power on



Vibration Test Withstand 10-500Hz physical vibrations for 60 min



Hinge Test Subjects the laptop to up to 50,000 open-and-closed cycles



**High Temperature Test** 

Endure 32°C~49°C for 3 x 24 hr. cycles with power on



#### Low Temperature Test

Endure -37°C~ -46°C for 3 x 24 hr. cycles with power on



Altitude Test

Handle extreme 15,000-ft heights, with power on



Humidity Test

Tolerate 95% relative humidity at temperatures of 30°C and 60°C



Spill-resistant keyboard Test

Cope with liquid spills of up to 66cc without harm



**Keyboard Durability Test** 

Designed for up to 10 million keystroke lifespan



#### Port Durability Test

5,000 times tests to ensure the physical durability of I/O ports



Panel Pressure Test

Endure 30kg force on lid and bottom without LCD panel damage

# BUSINESS-FOCUSED DESIGN

## The best user experience

Business PCs are often used for long periods, day after day, so their design needs to pay more attention to the details. We understand the needs of businesses, and we design our products around needs of users. We offer slimmer, lighter, yet tougher notebooks with comfortable keyboards and easy-to-service chassis to upgrade easily.





### 180° lay-flat hinge

- Versatile use scenario
- Flexible viewing angle

The robust lay-flat hinge has a full 180° of movement for maximum versatility and comfortable viewing angles in any environment, such as operation in industrial locations, or for easy screen sharing in meetings.



### Anti-glare display

- Clear viewing outdoors
- Reduced eye strain after hours of use

All ExpertBook comes with anti-glare display that has a special matte coating that ensures fewer unwanted reflections and improved color and sharpness, helping reduce long-term eye strain and provide clearer viewing in bright offices or outdoors.



### Enhanced keyboard

- Repels accidental spills
- · Working in dark environments
- Responsive and comfortable typing

For a comfortable feel, the sculpted keycaps have a long travel distance for responsiveness and full size key pitch. The keyboard is backlit and spillresistant, able to be used in dark environment with lightening keys and work as usual after accidental spills.



### NumberPad

- LED-illuminated numeric keypad
- One tap to switch on/off

ASUS NumberPad is an LED-illuminated numeric keypad that's perfect for crunching numbers. Tap the NumberPad icon on the top right of the touchpad to turn it on, and tap the icon on the left to toggle between two brightness settings. Clever software lets you control the cursor, even when the NumberPad is activated.

#### ASUS EXPERTBOOK | SECURITY

# SECURE AND SAFE SOLUTIONS

# Innovative security for the evolving workforce

As professionals, we know your data is important. That's why we provide secure and safe solutions for ExpertBook, giving you seamless protection of your data assets, passwords and files wherever you're working — whether it's an office, an exhibition, a retail store, an airport, or a café.



### **Finger Print Sensor**

Fingerprint scanning takes data-access authorization and protection to a higher level. A radio-frequency (RF) electronic scanner reads fingerprint patterns, using sensors that are less affected by skin surface conditions — such as dry, dirty, or oily skin — which may impair the ability of other sensor technologies to accurately detect fingerprints.

### **Kensington Lock Slot**

ExpertBook comes with an industry-standard Kensington Security Slot for robust physical security. This helps keep your laptop well-protected against opportunistic theft.





### Trusted Platform Module (TPM) version 2.0

This hardware-based security module helps repel attacks by hackers looking to capture passwords and encryption keys to sensitive data. The TPM chip allows laptops to run applications more securely, and enables more trustworthy transactions and communications.

### Webcam privacy shield

For extra peace of mind when working in sensitive environments, the webcam has an integrated privacy shield that simply slides over the lens to stop it being used.





# ASUS **ExpertBook** B9 (B9450) The master of lightness and power





Take charge of the business world with ASUS ExpertBook B9. Its sleek precision crafted minimalist chassis pushes the limits of lightness for ultimate portability, while giving it a toughness that has no equal. It's built for serious travel with its amazing up to 24-hour battery life<sup>2</sup>, and the dual storage design, a full set of I/O ports and the exclusive ASUS NumberPad improve your on-the-go work efficiency. Enterprise grade security ensures your confidential data is kept safe, making it easy to see why ExpertBook B9 is the benchmark for business laptops. Extremely portable, powerful and tough, it's your ideal partner in the corporate world.

<sup>1.</sup> Weight may vary according to configuration.







### Get the job done, effortlessly

No task is too great for the compact ExpertBook B9. It's powered by up to an Intel® Core™ i7 processor and features two SSDs for superfast data access and even more storage for larger files. It also has plenty of I/O ports, including Thunderbolt™ 3 for lightning fast data transfers and provide wired network connectivity with an individual MAC address for easy device management.

## Lasts longer, charges faster

ExpertBook B9 will never let you down throughout the business day or a long haul flight. It provides up to 24 hours<sup>2</sup> of battery life on a single charge with fast charging technology.

### Ultimate user experience

B9 features exclusive ASUS NumberPad for speedy data entry, ErgoLift hinge and long-travel keys for responsive tactile typing. It also assures you top-notch audio, thanks to Harman Kardon-certified speakers and four omnidirectional far-field microphones with noise cancellation for the optimization of video conferences.



### ASUS ExpertBook B9 (B9450)

- 10th gen Intel<sup>®</sup> Core<sup>™</sup> i7-10510/ i5-10210 Processor with Intel<sup>®</sup> vPro<sup>™</sup> technology support(Optional)
- Windows 10 Pro
- 8GB / 16GB 2133MHz LDDR3 onboard
- Dual M.2 NVMe PCIe<sup>®</sup> 3.0 x4, 512GB / 1TB SSD (Up to dual 1TB)
- 14" FHD (1920x1080) Anti-Glare Panel
- Starting from 0.87kg ultralight and 14.9mm thin
- NanoEdge display with 4mm-thin bezel, 94% screen-to-body ratio
- Incredible 24 hours of battery life3
- 2 x Thunderbolt<sup>™</sup> 3 USB-C<sup>®</sup>, 1 x USB 3.2 Gen 2 Type-A, HDMI, RJ45 via micro HDMI port
- Integrated WiFi 6, built-in Bluetooth<sup>®</sup> 5.0
- 3 year global warranty



# ASUS **ExpertBook** B7 Flip (B7402) Work unbounded, with 5G connectivity











ASUS ExpertBook B7 Flip is an enterprise-level, 5G-enabled premium laptop that's designed to accelerate your businesss<sup>1</sup>. Working on the go is easier than ever with a lightning-fast data connection and your own personal secure network. The 360°-flippable design removes any limitations on how you work, and you can enjoy an immersive work environment for all your business needs thanks to its user-status indicator light, ASUS Private View<sup>2</sup>, personalized hotkeys with ASUS ExpertWidget<sup>3</sup>, and enterprise-grade security. The versatile and manageable ExpertBook B7 Flip is ready to power your business to the next level.



1. 5G is an optional feature on selected models. 5G speeds vary, contact your network operator for information on availability.

2. ASUS Private View is available only on FHD displays. See website for more details

3. Designated software required to have full functionality on ASUS ExpertWidget.



### Faster speeds, safer connections

ExpertBook B7 Flip supports 5G cellular data networks<sup>1</sup>, giving you faster speeds and safer connections anywhere you work. The increased bandwidth also means data-intensive activities — such as conference calls — can enjoy higher quality with fewer interruptions. By connecting to the 5G network, there's less need to use public WiFi networks, thus increasing on-the-go security.



### Your work, your style

Give yourself more freedom with ExpertBook B7 Flip's 360-degree hinge and optional ASUS Pen<sup>4</sup>. Whether you prefer to write or type, in tablet or laptop mode, ExpertBook B7 Flip lets you work how you like, whenever you like. The handy tent, stand and tablet modes allow instant collaboration, easy content-sharing or effective presentations

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### Bigger 16:10 screen for less scrolling

The 16:10 aspect ratio provides larger visual workspace compared to a standard 16:9 display, making it easier to read articles, view websites, or work on spreadsheets. The antiglare touchscreen is covered with tough Corning<sup>®</sup> glass, and ExpertBook B7 Flip also features ASUS Private View<sup>2</sup> screen privacy, so your eyes and your sensitive information are all protected.



### ASUS ExpertBook B7 Flip (B7402)

- Windows 11 Pro
- Up to Intel<sup>®</sup> Core<sup>™</sup> i7-1195G7 processor
- Up to 2 TB M.2 NVMe<sup>™</sup> PCIe<sup>®</sup> 3.0 Performance SSD
- Up to 64 GB dual DDR4 3200MHz memory
- Up to 14" QHD+ touch display
- MPP2.0 stylus (optional)
- Starting from 1.43 kg<sup>5</sup>
- Up to 12 hours battery life<sup>6</sup>
- ASUS two-way AI noise-canceling technology
- US military-grade durability

#### 4. MPP2.0 ASUS Pen sold separately

5. Weight may vary according to configura

6. Actual battery life may vary depending on product configuration, usage, operational conditions and power management settings. Battery life will decrease over the lifetime of the battery.



# ASUS **ExpertBook** B5 (B5302C) Portable power for business on the go









OLED HDR Display



ASUS ExpertBook B5 is built for business success in style, with a precision-crafted and minimalist chassis that pushes the limits of lightness and an optional OLED panel for stunning visuals. It's also set for serious travel with an amazing 14-hour battery life, and is engineered with many cutting-edge technologies to improve your on-the-go work efficiency. These include a 11th Gen Intel® Core™ processor, AI noise cancellation and dual-SSD RAID support, ASUS NumberPad 2.0. It's also packed with features to protect your privacy and business data, including a built-in fingerprint sensor and TPM 2.0 chip. Peppered with thoughtful and professional design choices, ExpertBook B5 is your perfect portable, powerful partner for the corporate world.



# Lighter, stronger and more portable

Both the top and bottom cover of ExpertBook B5 are crafted from pure aluminum, while the area around the keyboard area is magnesium-aluminum alloy – keeping the weight down to a featherlight 1 kg.<sup>1</sup> Slip ExpertBook B5 into a briefcase so it's with you all the time, ready for productivity in or out of the office.



## Get the job done, effortlessly

To make light work of all your business tasks, ExpertBook B5 is powered by an up to 11th Gen Intel® Core™ i7 processor with Iris® X<sup>e</sup> graphics and superfast intel WiFi 6, providing quick and responsive computing, network and graphical performance with enterprise-grade manageability. It also features two SSDs to provide huge up to dual 1 TB capacity and faster speed, and supports RAID technology for improved data reliability or faster operation.



## Amazing ultravivid OLED display

ExpertBook B5's amazing, Full HD OLED HDR display delivers brilliant color and stunningly detailed and realistic visuals for content sharing or presentations, with a cinema-grade 100% DCI-P3 color gamut. The OLED technology means images are clearer at lower brightness levels and it's also VESA DisplayHDR<sup>™</sup> True Black certified for deep blacks and increased dynamic range. With TÜV Rheinland-certified eye care, too, this immersive slim-bezel display is a superb allrounder for work or play.



### ASUS ExpertBook B5 (B5302C)

- Windows 10 Pro
- Up to Intel<sup>®</sup> Core<sup>™</sup> i7 1165G7 processor
- Up to dual 1 TB SSD support RAID technology
- Upgradable system memory up to 48 GB
- Up to 13.3" FHD OLED NanoEdge display
- Light weight from 1 kg
- Up to 14 hours battery life<sup>2</sup>
- ASUS two-way AI noise-canceling technology
- Fingerprint sensor and optional TPM2.0 for security credentials
- US military-grade durability



# ASUS **ExpertBook** B5 Flip (B5302F) Power to turn your business world





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OLED HDR Display



ASUS ExpertBook B5 Flip is built for business success in style, with a precision-crafted and minimalist chassis that pushes the limits of lightness – plus a 360° flippable design and optional stunning OLED panel for ultimate flexibility. It's also set for serious travel with an amazing 14-hour battery life, and is engineered with many cutting-edge technologies to improve your on-the-go work efficiency. These include a 11th Gen Intel® Core™ processor, AI noise cancellation and dual-SSD RAID support, ASUS NumberPad 2.0. It's also packed with features to protect your privacy and business data, including a built-in fingerprint sensor and TPM 2.0 chip. Peppered with thoughtful and professional design choices, ExpertBook B5 Flip is your perfect portable, powerful partner for the corporate world.

#### ASUS EXPERTBOOK | B5302F



# Lighter, stronger and more portable

Both the top and bottom cover of ExpertBook B5 Flip are crafted from pure aluminum, while the area around the keyboard area is magnesium-aluminum alloy – keeping the weight down to a featherlight 1.11 kg.<sup>1</sup> Slip ExpertBook B5 Flip into a briefcase so it's with you all the time, ready for productivity in or out of the office.



### Get the job done, effortlessly

To make light work of all your business tasks, ExpertBook B5 Flip OLED is powered by an up to 11th Gen Intel® Core™ i7 processor with Iris® X<sup>e</sup> graphics and superfast intel WiFi 6, providing quick and responsive computing, network and graphical performance with enterprise-grade manageability. It also features two SSDs to provide huge up to dual 1 TB capacity and faster speed, and supports RAID technology for improved data reliability or faster operation.



### Amazing ultravivid OLED display

ExpertBook B5 Flip's amazing, Full HD OLED HDR display delivers brilliant color and stunningly detailed visuals for content sharing or presentations. This fabulous screen is touch-sensitive, and supports both finger and stylus input for intuitive input to suit any need. The OLED technology means images are clearer at lower brightness levels, and the display even has an anti-glare finish for comfortable working even under bright lighting.



### ASUS ExpertBook B5 Flip (B5302F)

- Windows 10 Pro
- Up to Intel<sup>®</sup> Core<sup>™</sup> i7 1165G7 processor
- Up to dual 1 TB SSD support RAID technology
- Upgradable system memory up to 48 GB
- Up to 13.3" FHD OLED NanoEdge display
- light weight from 1.11 kg
- Up to 14 hours battery life<sup>2</sup>
- ASUS two-way Al noise-canceling technology
- Fingerprint sensor and optional TPM2.0 for security credentials
- US military-grade durability



# ASUS **ExpertBook** B3 Flip (B3402) Achieve more, anytime, anywhere













ASUS ExpertBook B3 Flip is built to embrace the new normal — hybrid working and learning. With a versatile, tough design, studying or working everywhere is no longer a dream. It's equipped with a 360° hinge, a world-facing camera<sup>1</sup>, and a garaged stylus<sup>2</sup> to ensure ultimate productivity. B3 Flip is filled with many cunning protection features, including ASUS Antibacterial Guard<sup>3</sup> and a TÜV Rheinland-certified display. It also supports up to WiFi 6 and 4G LTE<sup>4</sup> for fast and portable connectivity, along with two-way Al-powered noise-cancelation technology and noise-reducing cameras for excellent remote learning and conferencing. With ExpertBook B3 Flip in your bag, all your worlds are just one twist away.





### Versatility for the new normal

ExpertBook B3 Flip offers a 360° hinge that allows it to be positioned in tent mode, laptop mode, tablet mode, and stand mode. Flip it into different modes to ensure the ultimate productivity and overcome every challenge. ExpertBook B3 Flip also includes a garaged stylus<sup>2</sup> for taking notes, drawing, and marking up documents. The built-in stylus holder keeps the pen close at hand and reduces the risk of losing it. With a 15-second charge giving enough power for 45 minutes of use, you'll never be left waiting.



### All-round speed and reliability

ExpertBook B3 Flip has built-in 4G LTE<sup>4</sup> for safe, secure and speedy mobile connectivity wherever you go, enabling you to learn and work everywhere. It also offers up to the latest WiFi 6 technology to deliver ultrafast and stable speeds for online learning and super-smooth business meetings. Plus, with ASUS WiFi Master<sup>5</sup> technology, you'll enjoy faster and more reliable WiFi connections at greater distances than ever before.



### Two cameras, twice the inspiration

ExpertBook B3 Flip includes a standard webcam along with a special 13 MP world-facing high-resolution camera<sup>1</sup> located just above the keyboard — an ideal position that allows you to capture photos and videos in tablet and tent mode. This empowers students to explore and learn in totally new ways, and permits professionals and workers to multitask in more efficient ways.



### ASUS ExpertBook B3 Flip (B3402)

- Window 11 Pro
- Up to Intel<sup>®</sup> Core<sup>™</sup> i7 1165G7 processor with Iris<sup>®</sup> X<sup>e</sup> graphic
- Up to dual 1 TB SSD support RAID technology
- Upgradable system memory up to 48 GB
- 360° flip design with optional garaged MPP 2.0 stylus<sup>2</sup>
- An user-facing camera with 13 MP world-facing camera<sup>1</sup>
- WiFi 6 speedy connectivity and 4G LTE<sup>4</sup>
- ASUS Antibacterial Guard protection<sup>3</sup>
- TÜV Rheinland certified eyes protection display
- US military-grade durability<sup>6</sup>

4. 4G LTE is optional. MicroSD card reader + nano SIM combo is only for LTE SKL

5. WiFi Master test configuration: under controlled test conditions, streaming Full HD YouTube videos, and AP set with one antenna at 802.11g. Actual WiFi range and performance may be affected by environmental factors. Interference from USB 3 devices may vary according to the device. Range comparisons refer to standard laptop with all-metal chassis design.

6. The testing data includes the requirements of both military-grade standards and ASUS quality tests.



# ASUS ExpertBook B1 (B1400/B1500) Primed to perform. Configured for your business.







Discrete Graphics



ASUS ExpertBook B1 is tailored for business, making it the smart choice for ambitious startups, established education organizations and growing firms of all sizes. It boasts high performance, military-grade durability and extensive customization to empower your business. It's also engineered to confidently handle whatever tasks come your way, with a full set of I/O ports, speedy WiFi 6 and cutting-edge AI noise-canceling technology. ExpertBook B1 streamlines your workflow to keep you productive.







### Perfectly-balanced power

Exclusive Performance Boost technology achieves the best laptop performance and agility by tuning the internal thermals, delivering the sterling performance needed to get the job done. You can switch effortlessly between Performance, Balanced or Whisper modes — enabling you to get on with business while B1 handles power and performance in any scenario<sup>1</sup>.

## Speed and capacity, both on board

You can specify ASUS ExpertBook B1 with up to two storage devices, providing a powerful combination of ultra-fast 1TB SSD and 2TB HDD, perfect combination of high-speed data access and large storage capacity.

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### Crystal-clear conferencing audio

With the increase of remote work and video conferences, we implemented the ASUS AI noise-canceling technology to ensure the best experience. Innovative ASUS AI noise-canceling technology enables superior calls. The AI Noise-Canceling Speaker feature filters out all ambient noise apart from human speech — so you'll hear what everyone else is saying.



### ASUS ExpertBook B1 (B1400/ B1500)

- Up to Intel<sup>®</sup> Core<sup>™</sup> i7 1165G7 processor
- Up NVIDIA<sup>®</sup> GeForce<sup>®</sup> MX330 discrete graphics
- Upgradable system memory up to 48 GB
- Storage: Up to 1TB SSD + Up to 2TB HDD
- ASUS AI noise-canceling technology stops unwanted sounds
- 1 x Thunderbolt<sup>™</sup> 4.0 (support Power Delivery/Display Port)<sup>2</sup>, 2 x USB 3.2 Gen 2 Type A, 1 x USB 2.0, 1 x HDMI, 1 x RJ45, 1 x Micro SD Card reader<sup>2</sup>, 1 x Kensington Lock, 1 x D-SUB
- Military-grade construction with aluminum-alloy lid
- On touch fingerprint login and optional TPM2.0 for security credentials



# ASUS ExpertBook L1 (L1400/L1500) Everyday performance. Total Flexibility.





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ASUS ExpertBook L1 is tailored for business, making it the smart choice for ambitious startups, established education organizations and growing firms of all sizes. It boasts high performance, military-grade durability and extensive customization to empower your business. It's also engineered to confidently handle whatever tasks come your way, with a full set of I/O ports, speedy WiFi 6 and cutting-edge AI noise-canceling technology. ExpertBook L1 streamlines your workflow to keep you productive.

- 1. Product weight may vary according to device configuration.
- 2. Fingerprint sensor is optiona





### Military-grade toughness

Life on the road is tough, so ExpertBook L1 is designed to both meet and surpass exacting industry thresholds — including the ultra-demanding MIL-STD 810H US military standard. It's built to survive every extreme, from freezing temperatures to the searing heat of desert storms, and high-speed shocks to everyday bumps.



### Freewheeling mobility

ASUS ExpertBook L1 is a remarkably thin and light business laptop, weighing as little as 1.45 kg — so it's handy to carry anywhere. Just pick up and go!<sup>1</sup>



### Strong data security and privacy

ExpertBook L1 has a fingerprint sensor<sup>2</sup> integrated into the power button and an IR camera, so all you need to do to log in is tap button or look at your laptop. Goodbye passwords. Hello, Windows Hello.<sup>3</sup> With the biometric security in Windows Hello your fingerprint replaces the use of a password or PIN to log in, unlock apps, or make in-app purchases<sup>4</sup>.



### ASUS ExpertBook L1 (L1400/ L1500)

- Up to AMD Ryzen<sup>™</sup> 7 3700U processor
- Storage: Up to 1TB SSD + Up to 2TB HDD
- ASUS AI noise-canceling technology stops unwanted sounds
- Upgradable system memory up to 32 GB
- 1x USB 3.2 Gen 2 Type C (support Power Delivery/Display Port)<sup>5</sup>, 2x USB 3.1 Gen 2 Type A, 1x HDMI, 1x RJ45, 1x Micro SD Card reader<sup>5</sup>, 1x Kensington Lock, 1x D-SUB
- Military-grade construction with aluminum-alloy lid
- On touch fingerprint login and optional TPM2.0 for security credentials





# ASUS EXPERTCENTER

## High performance. Delivered.

ASUS ExpertCenter is designed as powerhouses to allow business to do more, and more. To achieve this goal, we choose world-leading components, employ sophisticated chassis design, and employ rock-solid construction, while offering comprehensive options with a wide range of specification and form factor. Recognizing that security and management are vital for your business, we are constantly striving to provide thoughtful solutions, to create products that can minimize your business TCO.

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# WORLD NO. 1 ASUS MOTHERBOARD

## Exceptional endurance, dependable quality

ASUS ExpertCenter uses World No.1 ASUS motherboards, which are renowned for offering comprehensive system protection, 24/7 stability and reliability, and consistent performance. ASUS motherboards use only the finest high-cost components, including 100% solid capacitors, to give our users 100% reassurance for long-term usage. We have shipped over 550 million motherboard with up to 45% global market share. Placed end to end, motherboard would form a chain long Enough to circle the globe more than 4 times!

45 % global market share\*

### **COMPREHENSIVE PROTECTION**

# **5**x

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### Protection III

Hardware safeguards to ensure long-term durability

- Overvoltage protection
- Against moisture and corrosion
- Stable power supply
- Surge-protected networking
- Stainless-steel back I/O

### 24/7 RELIABILITY

8000+

### Validation hours

Extensive testing for enhanced reliability, and safety

- Temperature and humidity tests
- Thermal-shock tests
- Aging tests
- Power-consumption tests
- Burn-in tests



### **FLEXIBLE EXPANDABILITY**

# 1000+

### Compatible devices

Compatibility with a wide range of components

• The superior compatibility of ASUS motherboards is evidenced by our public QVL, which lists thousands of compatible component.

# Industry-leading mean time between failures (MTBF)

ExpertCenter is the only desktop vendor to offer 100% solid capacitors, which are important for storing charge and regulating voltage. This increases system stability, thermal capacity and longevity, resulting in a top-tier MTBF rating.

# 100% solid capacitor

	ASUS	OTHERS			
Capacitor Type	General OS-con	Electrolytic Capacitors			
Capacitor Life	2 years @86°c 22 years @65°c	1 year only @86°c 3 years @65°c			



\* 86°c : Full loading / 65°c : Normal loading

# SOPHISTICATED CHASSIS DESIGN

## Thoughtful design in every detail

If you open the chassis, you'll be surprised by the sophisticated internal chassis design, which is the reason why ExpertCenter can provide comprehensive performance for business users. We use a hinged steel case inside that rotates outward for easy access. It gives solid structural rigidity, additional space for hardware, and servicing flexibility. We also constantly research ways to optimize the cooling system to increase the system stability.

#### **Rock-solid construction**

ExpertCenter incorporates a rigid steel frame built to resist physical impact or environmental stresses1. The cases are not only solidly constructed and assembled, but crucial components are also firmly mounted, creating a tough high-quality structure that can endure the strains of everyday operation and give years of reliable use.



1. Please check the detailed specification of each products. The image is derived from ExpertCenter D641MD for reference.
2. The isolated air chamber is derived from the setting of the fan duct on the CPU. Heat dissipation efficiency tested on ExpertCenter D641MD.

#### Power to do more

A clever internal layout gives maximum space for expansion in a compact form factor. The internal steel case allows ExpertCenter accommodate more hardware, graphics, and a full array of I/O ports when your business grows1. When the case is fully opened, there's plenty of space to for easy repair and maintenance. The design gives effortless flexibility for whatever your future needs.



#### Rotatable Case

When the rotatable case fully opened, you'll have plenty of space to repair/ maintenance easily



Allows HDD be easily pulled out with no tools required

#### Tool-free chassis design

As well as full expandability, the chassis features a tool-free design that is designed to simplify upgrades and on-site servicing. The chassis needs no tools and can be opened in just four simple steps. The HDD tray can also be easily pulled out with just fingers. IT staff can save time on repairs and maintenance, reducing downtime and enhancing their productivity.

#### Multichannel cooling design

To deliver consistent performance with minimum noise, we optimized the thermal design by creating dedicated isolated air chambers2. The chambers allow independent heat-venting channels for the PC's main heat generators — CPU, GPU, and power supply — for efficient heat dissipation, and prevent heat pooling inside. This great design helps decrease the overall internal temperature by up to 33%.





# US MILITARY GRADE RELIABILITY

## Engineered to last

Reliability is designed into every detail of each ExpertCenter. They are toughly constructed and are tested to the most demanding US military-grade standards of durability. The inevitable minor knocks and scrapes won't jeopardize your precious data. ExpertCenter is designed to last, protecting your investment.



**Vibration Test** 

Withstand 10-500Hz physical vibrations for 60 min



Shock Test Withstand 18 harsh shocks at the speed of 40G/11ms

with power on

Package Drop Test

Withstand drops from

76cm height, 10 times in

each direction



Humidity Test

Tolerate 95% relative humidity at temperatures of 30°C and 60°C



Cold Storage Test

Endure -20 for 48hr in an enclosure



High Temperature Test

Endure 32°C~49°C for 3 x 24 hr. cycles with power on



Damp Heat Storage Test

Survive 95% humidity, 60°C for 72 hours in package



Low Temperature Test

Endure -37°C~ -46°C for 3 x 24 hr. cycles with power on



**Package Vibration Test** 

Withstand 5-200Hz physical vibration for 30min in an enclosure



**Power Supply Test** 

Ensure power supply design with stable +/-10% VDC output



Acoustic Test

IEnsure the noise under 28dB when idle mode, 35dB under full load



#### **Thermal Shock Test**

Endure a sharp change of temperature from -10°C to 50°C at the rate of 20°C/min with power on

# ENTERPRISE-LEVEL MANAGEMENT

## Simplify your business processes

Management is made easier with ExpertCenter. ASUS desktop management solutions help you streamline routine desktop update tasks, and allow Management Information System (MIS) staff to remotely control and manage company assets, making sure all computers perform at peak efficiency. Save your organization time and money by choosing ExpertCenter.



### Management for Multiple Desktops



### ASUS Control Center

ASUS Control Center is a whole new centralized IT management software. The software is capable of monitoring and controlling ASUS servers, workstations, and commercial products including notebooks, desktops, All-in-One (AiO) PCs, thin client, and digital signage.

### Intel<sup>®</sup> vPro<sup>™</sup> Technology

Optimized with Intel® Core® vPro™ processor family, ExpertCenter supports Intel® vPro™ technology and Intel® Stable Image Platform Program (SIPP) for remote manageability and reduced total cost of ownership. Intel® vPro™ technology provides a framework that allows IT to be more proactive by having more PCs managed per technician.

### Management for Individual Desktops

### ASUS Business Manager

ASUS Business Manager is a set of program utilities for performing maintenance and optimization tasks to PCs. This software package features a one-page interface to access system monitoring tools, BIOS updates, USB Blocker data movement controls, and energy-saving controllers.

### ASUS BIOS

ASUS BIOS is media-acclaimed since the interface is incredibly intuitive with comprehensive icons and charts, while setting BIOS becomes effortless and quick with exclusive mouse control. For security, ASUS BIOS also features safe BIOS updates and HDD password controls.





# SECURE AND SAFE **SOLUTIONS**

# Safeguard intellectual property

ExpertCenter understands that IT security must evolve in order to effectively serve as your first line of defence against disruptions to business innovation and growth. Our desktop solutions are built with sophisticated security features to keep your business, and your future, safe and secure.



### **Chassis Intrusion Alert**

Optional chassis intrusion alert brings up special security alerts when the case has been opened, further ensuring the safety of components and data.





### **Kensington Lock Slot** and Padlock Slot

ASUS business desktop PCs come with a Kensington lock and padlock slot for additional asset management and security, keeping your hardware and confidential data inside well protected.



### **Trusted Platform Module (TPM)**

Optional onboard TPM offers a protected and encapsulated micro-controller security chip for safeguarding internal data structures against real world threats. This ensures that information like keys, passwords, and digital certificates remains safe from external attacks, physical theft, and other types of intrusion.

### **UEFI BIOS**

UEFI BIOS is a graphical, mouse controlled interface that lets you easily change system settings and enable advanced features like HDD password protection, as well as USB 3.1 port and card reader activation.



# ASUS **EXPERTCENTER** FAMILY

Companies have different needs, face different challenges as they grow. ExpertCenter creates a suite of desktop solutions that offers multiple chassis types and different level of series to cater to every business need.



### Premium D900 Series

#### Specially designed

for enterprise and organization

- A fully manageable IT environment, support intel® vPro™ platform
- Built to perform, engineered to last
- Enterprise-grade security



## Advanced D700 Series

### Specially designed

- for advanced SMBs
- Productive, reliable, secure
- Come in a variety of form factors and specifications
- Full expandability



Mini Tower (15L) Tower (20L/27L)

### Essential D500/X500 Series

### Specially designed

for the budget-conscious users

- Affordable and reliable
- Essential performance, making light work of back office tasks
- With basic management solutions and security features







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# How to choose an ExpertCenter Desktop

Feature overview		Essential Series		Advanced Series			Premium Series		
		D500SC	X500MA	D500TC	D700SC	D700MC	D700TC	D900SC	D900MC
Chassis size		9L	15L	20L	9L	15L	27L	9L	15L
Weight		5kg	5.59kg	7kg	5kg	бkg	8.3kg	5kg	6kg
Productivity	Chipset	Intel® B560	AMD B550	Intel® B560	Intel® B560	Intel® B560	Intel® B560	Intel® B560	Intel® Q570
	CPU (Highest specification)	11th Intel® Core™ i5 processor	AMD R5 5600G processor		Up to an 11th Intel® Core™ i7 processor				11th Intel® Core™ i9 processor
	GPU (Highest specification)	NVIDIA® GeForce® GT1030	NVIDIA® GeFo	rce® RTX 3060	NVIDIA® GeForce® GT1030 NVIDIA® T1000 NVIDIA® TX™ A2000		NVIDIA® GeForce® GT1030	NVIDIA® GeForce® RTX3060 NVIDIA® RTX™ A2000	
	HDD drive bays	1 x 3.5″	1 x 3.5" + 1 x 2.5"	2 x 3.5"	1 x 3.5" + 1 x 2.5"	1 x 3.5" + 1 x 2.5"	2 x 3.5"	1 x 3.5" + 1 x 2.5"	1 x 3.5" + 1 x 2.5"
	M.2 SSD Slot	1	2	1	2	2	2	2	2
	Memory DIMM	2	4	2	4	4	4	4	4
	HDMI 1.4	1	1	1	1	1	1	1	1
Display port	DisplayPort				1	1	2	2	2
	VGA Port	1	1	1	1	1		1	1
	DVI port		1	1					
Connectivity	USB 2.0 Type-A	2	2	4	6	6	4	2	2
	USB 3.2 Gen 1 Type-A	4	5 or 6 *	4	2	2	5 or 6 *	6	6
	USB 3.2 Gen 2 Type-A	2	2		2	2		2	2
	USB 3.2 Gen 1 Type-C		1 or 0 *		1	1	1 or 0 *	1	1
Manage and the	vPro platform							V	V
Manageability	Tool-free design				V	V		V	V

\*\* Both ASUS ExpertCenter X500MA and D700TC offer a choice of front-panel connectivity options. These models can be configured with either two USB 3.2 Gen 1 Type A ports or one USB 3.2 Gen 1 Type-A port and one USB 3.2 Gen 1 Type-C port.



# ASUS ExpertCenter D9 Maximum productivity, rock-solid reliability





11th Gen Intel® Core™ i9 vPro processor









Built to perform and easy to mange for enterprises, ExpertCenter D9 delivers all the horsepower with next-level processor, NVIDIA® professional grade graphics, and comprehensive connections. It also supports Intel vPro<sup>™</sup> processors for modern manageability for IT, US military-grade durability and seamless protection for your business needs.





## ASUS ExpertCenter Mini Tower D9 (D900MC)

- Windows 10 Pro
- Up to 11th Gen Intel<sup>®</sup> Core<sup>™</sup> i9 Processor
- Intel<sup>®</sup> Q570 chipset
- Support Intel vPro Technology
- Up to NVIDIA® GeForce®RTX3060 and NVIDIA® A2000 graphics
- Up to 3TB HDD and 2TB SSD storage
- 4 x DIMM slot, DDR4 3200MHz, up to 128 GB(upgradable)
- Tool-less design for easy upgrade
- ASUS two-way Al noise-canceling technology
- 3 year global warranty



### ASUS ExpertCenter SFF D9 (D900SC)

- Windows 10 Pro
- Up to 11th Gen Intel<sup>®</sup> Core<sup>™</sup> i7 Processor
- Intel<sup>®</sup> Q570 chipset
- Support Intel vPro Technology
- Up to NVIDIA® GeForce®RTX1030 and NVIDIA® T600 graphics
- Up to 3TB HDD and 2TB SSD storage
- 4 x DIMM slot, DDR4 3200MHz, up to 128 GB(upgradable)
- Tool-less design for easy upgrade
- ASUS two-way AI noise-canceling technology
- •• 3 year global warranty











# ASUS **ExpertCenter** D7 Secure, reliable and business-ready













Engineered to be powerful, tough, secure for business, ASUS ExpertCenter D7 is powered by cutting-edge processors, fast memory and high-performance graphics. It meets MIL-STD-810H US military standards and features advanced security solutions. With comprehensive expansion slots, ExpertCenter D7 can be easily configured to meet your current and future business needs.
## ASUS ExpertCenter Tower D7 (D700TC)

- Windows 10 Pro
- Up to 11th Gen Intel<sup>®</sup> Core<sup>™</sup> i7 Processor
- Intel<sup>®</sup> B560 chipset
- Up to NVIDIA<sup>®</sup> GeForce<sup>®</sup> RTX3060 and NVIDIA<sup>®</sup> RTX<sup>™</sup> A2000 graphics
- Up to 4 TB HDD and 2 TB SSD storage
- 4 x DIMM slot, DDR4 3200MHz, up to 128 GB (upgradable)
- ASUS two-way Al noise-canceling technology
- 3 year global warranty









Optical disk driver bay (optional) - Microphone port - HDD indicator - Headphone port - USB 2.0 port x 2

Smart card reader & SD card reader (optional)



# ASUS ExpertCenter Mini Tower D7 (D700MC)

- Windows 10 Pro
- Up to 11th Gen Intel<sup>®</sup> Core<sup>™</sup> i7 Processor
- Intel<sup>®</sup> B560 chipset
- Up to NVIDIA<sup>®</sup> GeForce<sup>®</sup>RTX3060 and NVIDIA<sup>®</sup> T600 graphics
- Up to 4TB HDD and 1TB SSD storage
- 4 x DIMM slot, DDR4 3200MHz, up to 128 GB
- Tool-less design for easy upgrade
- ASUS two-way AI noise-canceling technology
- 3 year global warranty





### ASUS ExpertCenter D5 SFF (D500SC)

- Windows 10 Pro
- Up to 11th Gen Intel<sup>®</sup> Core<sup>™</sup> i5 Processor
- Intel<sup>®</sup> B560 chipset
- Up to NVIDIA® GeForce® GTX 1030
- Up to 2TB HDD and 1TB SSD storage
- 2 x DIMM slot, DDR4 3200MHz, up to 64GB(upgradable)
- ASUS two-way AI noise-canceling technology
- 3 year global warranty









# ASUS EDUCATION

# Tough, compact, school-ready

ASUS is dedicated to solving the unique challenges facing today's students and educators. We are here to help cultivate the minds of the next generation with a comprehensive, student-centered products that include Chromebooks, and Windows-based laptops to enable progressive and innovative learning in an ever-changing world.

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# RUGGEDIZE DESIGN

# Ready for action

ASUS Education laptop is built to withstand everyday knocks, bumps, drops and spills without damage. So, whether it's dropped from a classroom desk or the dining table, it is built to keep on going.

Rubber

Dropping your laptop is an

everyday concern,

whether it's

moving between

classes or working

on the go. A rubber

bar on the base of

the laptop provides sturdy support and also makes it easier to





# Spill-resistant keyboard

The spill-resistant keyboard can cope with liquid spills of up to 330 cc without harm, so minor splashes on the desk or dinner table can be easily drained, cleaned, and dried.

#### **Durable 3D-textured finish**

The tough micro-dimpled finish means no more worries about scratches or fingerprints!





#### Tamper-resistant keyboard

The gap between the edges of the keycaps and the keyboard surround is minimized to prevent the keys from being pried out.

#### **Rubber bumper**

All four exterior edges and corners are protected by a tough rubber bumper, which reduces the impact of physical shocks to ensure critical components are always safe and sound.





1. ASUS BR1100 keyboard is spill-resistant, not waterproof. Water damage is possible if the product is submerged or exposed to large amounts of liquids for long periods of time. ASUS standard limited v arranty does not cover problems resulting from accidents such as water damage. To prevent water damage resulting from large spills or other accidents, ASUS recomme s turning off the notebook, then tilting the laptop to drain away the excess liquid, vipe off and let it dry for at least 24 hours

# MODULAR DESIGN

# Easy maintenance for uninterrupted learning.

For easy on-site servicing and reduced downtime, ASUS modular design that allows key components — such as the keyboard, battery, thermal module and I/O ports — to be replaced in minutes using simple tools. As well, the underside is secured attached using captive screws, eliminating worries about losing these little parts during repairs.





ASUS EDUCATION | DESIGN

# DESIGNS FOR EDUCATION

Inspiring Students with ASUS

10.0

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Designe

# Superfas

ASUS Education 6 (802.11ax) deli distance learnin

#### ed for Remote Learning

#### t WiFi 6

series support up to WiFi 6 for better wireless connectivity. WiFi vers superfast networking speeds for faster large file transfers, g, and super smooth video chats.



#### bise-canceling technology

de exceptional remote learning and video-conferencing experiences, ucation series feature innovative ASUS AI noise-canceling technology ploys machine learning in order to isolate unwanted noise from human



#### Innovative learning

#### World-facing camera

A special world-facing camera empowers students to explore and learn in totally new ways, allowing them to easily capture photos and videos in tablet mode. And, with an exceptional resolution, detailed captures and recordings are assured.



#### **Garaged Stylus**

A precision stylus with garage that helps you get every detail just right when you're drawing, taking notes or marking up documents. The built-in stylus holder means it's always to hand, and there's less chance of losing it. It's also guick to charge, with a 15-second top-up providing enough juice for 45 minutes' use — so you'll never be left waiting.



#### Child-centered Design

#### **ASUS Antibacterial Guard**

The surface of any laptop harbors thousands of potentially harmful bacteria. To keep your laptop hygienic, the keyboard, touchpad, and palm rest are all protected with antibacterial treatment<sup>1,2</sup>. This has been scientifically shown by the internationally-recognized ISO 22196 standard to inhibit the growth of bacteria by in excess of 99% over a 24-hour period.



#### Eye-protection TÜV display

The screen of is certified by TÜV Rheinland for low blue-light emissions, potentially helping to protect children's eyes from damage.



1. ASUS Antibacterial Guard is tested by an independent third-party laboratory according to the ISO 22196 standard (measurement of antibacterial activity on plastics and other non-porous surfaces), using bacterial cultures that include Escherichia coli and Staphylococcus aureus, with an antibacterial activity (R) result of R > 2. R = 2 indicates a 99% reduction in bacterial activity compared to an untreated surface. 2. ASUS Antibacterial Guard antibacterial for the U.S. EPA and authorized under EU BPR.



TELE

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# US MILITARY GRADE RELIABILITY

# Built to last

Classrooms can be tough, but ASUS Education series are tougher! Built to surpass demanding US military-grade MIL-STD-810H durability standards, it's also torture-tested to pass stringent ASUS quality tests. It can withstand occasional drops of up to 120 cm — more than standard desk height — and the hinge and I/O ports are fully tested to endure the stresses and strains of everyday use.





# ASUS BR1100F Strong, flippable power for learning











ASUS BR1100F is the best learning companion for students of all ages, with a tough, innovative design that's made to last. As well as a versatile touchscreen display and stylus, there's also a 360° hinge and a world-facing camera. It's packed with clever protective features, including an all-round rubber bumper, spill-resistant keyboard and ultratough I/O ports. BR1100F also supports up to WiFi 6 and optional 4G LTE, and has Al-powered noise-canceling technology for high-quality remote learning and conferencing.



# US Military-Grade Durability

Classrooms can be tough, but ASUS BR1100F is tougher! Built to surpass demanding US military-grade MIL-STD-810H durability standards, it's also torture-tested to pass stringent ASUS quality tests. It can withstand occasional drops of up to 120 cm more than standard desk height — and the spill- and tamperresistant keyboard can cope with liquid spills of up to 330 cc without harm. The hinge and I/O ports are fully tested to endure the stresses and strains of everyday use.



# Easy maintenance for uninterrupted learning.

For easy on-site servicing and reduced downtime, ASUS BR1100F has a modular design that allows key components such as the keyboard, battery, thermal module and I/O ports — to be replaced in minutes using simple tools. As well, the underside is secured attached using captive screws, eliminating worries about losing these little parts during repairs.



# Noise cancelation

To provide exceptional remote learning and videoconferencing experiences, ASUS BR1100F features innovative ASUS AI noise-canceling technology that employs machine learning in order to isolate unwanted noise from human speech. Try the demo to experience the amazing difference that ASUS AI noise-canceling technology can make.



#### ASUS BR1100F

- Windows 10 Pro
- Up to Intel<sup>®</sup> Pentium<sup>®®</sup> Silver N6000 Processor
- Up to 128 GB eMMC and 1TB PCIe® SSD
- Up to 16GB DDR4 2400MHz RAM
- 11.6" LED backlit, HD (1366 x 768) 16:9 IPS glossy touch panel, 250 nits brightness
- Up to WiFi 6 (802.11ax) and 4G LTE support (optional)
- Power and internet status LED indicator
- Noise-reducing camera
- 13MP world-facing camera
- 4096-level stylus with charging garage





# ASUS AIO

# Empower Your Workplace

The compact and powerful ASUS All-in-One PCs are designed for a variety of tasks. The latest generation Intel<sup>®</sup> processors and optional NVIDIA<sup>®</sup> discrete graphics keep you productive and entertained, while HDD password protection, USB and card reader deactivation improve data security when deployed in public or commercial spaces.



# ASUS ExpertCenter E5 AiO (E5402/E5202) Fast, secure performance with a dual view













Built for modern business to enhance user experiences and productivity, ASUS ExpertCenter E5 AiO powers through any task — saving time and minimizing admin. It packs exclusive ASUS VeriView, a second, outward-facing touchscreen for two-way interaction, serious business horsepower with a next-level Intel<sup>®</sup> Core<sup>™</sup> processor, and no-compromise security solutions.



2. There are multiple different camera configuration options, including no camera, a 1 MP camera, a 1 MP camera with IR sensor, and a 12 MP camer

3. Multi-touch display, Thunderbolt<sup>™</sup> 4.0, IR camera, AdpativeLock, TPM 2.0 and Windows Hello features may vary by specification and region.



# Class-leading performance

Built to perform and easy to manage for enterprises, ASUS ExpertCenter E5 AiO powers through any task — saving time and minimizing admin. It packs serious business horsepower with a next-level Intel® Core™ processor, generous 32 GB DDR4 memory and comprehensive connectivity, including the latest Thunderbolt™ 4.0. Its sleek, ultracompact form also supports dual-SSD RAID and high-speed WiFi 6 connectivity, so it's ready to serve your business today and long into the future.





# Delivering new interactive experiences

ASUS VeriView is the easy-to-use second touchscreen that elevates expectations of what an AiO PC can do. This powerful, interactive second screen is ready to accommodate diverse business applications, empowering both a dual view and two-way interactivity. Customers are able to see key information at a glance and easily interact using a fingertip. DuoVison can also be leveraged to display news or advertisements, checkin information or QR codes to provide customers with fast access to online information.

#### Your data is your business

ASUS ExpertCenter E5 AiO is equipped with first-class security to keep you, your business and your data safe. The smart proximity sensor that empowers ASUS AdaptiveLock<sup>1</sup> detects your presence and uses an integrated infrared camera to recognize your face and log you in — allowing you to get to work without lifting a finger.



### ASUS ExpertCenter E5 AiO (E5402/E5202)

- Windows 10 Pro
- Intel<sup>®</sup> Core<sup>™</sup> i7-11700B processor
- Up to 1 TB PCle® 3.0 SSD, 2 TB SATA Gen3 HDD with RAID technology
- Up to 32 GB 3200MHz DDR4, 2x SO-DIMM
- 12MP camera for clear video conferencing
- ASUS two-way Al noise-canceling technology
- Enterprise-grade security with IR camera, AdaptiveLock, TPM2.0, Kensington lock
- Full set of ports: 1x Thunderbolt™ 4, 1x 3-in-1 card reader, 3x USB 3.2 Gen 1 Type A, 2x USB 2.0 Type A, 1x HDMI-out, 1x USB 3.2 Gen 2 Type-C<sup>®</sup>



# ASUS Zen AiO 24 (A5401) Simply beautiful. Truly powerful













ASUS Zen AiO 24 is a beautiful, functional and powerful PC in one seductive package. This exquisitely-crafted all-in-one powerhouse pairs high performance with stylish aesthetics, making it perfect for those who appreciate fine design. The elegant is look is accentuated by an off-center metal stand, and fabric-protected, front-firing speakers – certified by Harman Kardon. With a flawless 23.8-inch NanoEdge display with optional touchscreen technology and 93% screen-to-body ratio, Zen AiO 24 provides both gorgeous viewing and intuitive interaction to elevate your every all-in-one expectation.





# Unbounded multitouch brilliance

The beautiful 23.8-inch NanoEdge display on Zen AiO 24 has an incredibly thin 2.8 mm bezel. The upshot is a big, beautiful screen in the smallest conceivable space — with a remarkable 93% screen-to-body ratio. With touchscreen technology, Zen AiO 24 makes interacting with your various applications easier than ever, putting every command at your fingertips.

# Incredible sound for superior multimedia experiences

Designed to sit at the heart of your home, Zen AiO 24 creates immersive multimedia experiences — with premier audio from the experts at Harman Kardon. A high-quality speaker system with an advanced bass-reflex design that's similar to what's found in some high-end speakers delivers smooth, powerful bass and clear, full-range sound that has to be heard to be believed.



# Triple storage

Zen AiO 24 delivers uncompromising performance, with an industry-leading and flexible triple-storage option that gives you the benefit of two ultrafast solid-state disks (SSDs) combined with the huge storage capacity of a traditional hard disk drive (HDD). The SSDs deliver superfast data access and no-wait startup, while the HDD provides all the space you need for your files. It's the perfect combination to supercharge your productivity.



### ASUS Zen AiO 24 (A5401)

- Up to 10th Gen Intel<sup>®</sup> Core<sup>™</sup> i7 processor
- Up to NVIDIA<sup>®</sup> MX330 discrete graphics
- Up to 1 TB HDD + 512 x2 GB SSD
- 23.8", optional Multi-touch screen, FHD 1920 x 1080, NanoEdge display with 93% screen-to-body ratio
- Up to 16\*2GB DDR4 2400MHz RAM
- Intel WiFi 6(Gig+)(802.11ax)+Bluetooth® 5.0 (Dual band) 2x2
- Harman Kardon certified audio
- 1 x USB 3.2 Gen 1 Type C, 2 x USB 3.2 Gen 1 type A, 2 x USB 2.0 type A, 1 x RJ45 LAN, 1 x HDMI-in (optional), 1 x HDMI-out, 1 x Microphone/ Headphone Combo Jack, 1 x Kensington Lock



# ASUS V222 Primed to perform. Configured for your business













The astoundingly beautiful ASUS V222 all-in-one PC has a near-invisible 2mm display bezel giving you edge-to-edge visuals and an incredible 87% screen-to-body ratio. Featuring a 21.5-inch Full HD LED display and advanced ASUS SonicMaster audio with a bass-reflex speaker system, ASUS V222 immerses you in stunning visuals and superb sound for the ultimate

entertainment experience.



## Incredible NanoEdge display

ASUS V222, stunningly beautiful and powerful all-in-one PCs designed for effortless everyday computing. The stylish AiO PCs feature FHD resolution NanoEdge ultraslim-bezel displays for edge-to-edge visuals and high screen-to-body ratio for unrivaled immersion. Advanced bassreflex speakers with ASUS SonicMaster audio deliver rich, powerful sound to complement its outstanding visuals.



#### Vibrant and vivid!

The display on V222 features wide 178° viewing angles, and 100% sRGB color gamut for vivid and realistic-looking colors. It also includes exclusive ASUS Splendid technology to ensure true-to-life colors. Its Full HD resolution is further enhanced with exclusive ASUS Tru2Life Video technology, which optimizes sharpness and contrast for every pixel in every video frame for clearer, more realistic video imagery.



# Power through everyday tasks

Powered by the 10th Generation Intel® Core™ processor and NVIDIA® GeForce® MX110 graphics, ASUS V222 delivers effortless performance for smooth multitasking, so whatever task is at hand, you'll power through it with ease! The perfect solution for your everyday computing needs, whether you want to surf the web, watch videos, or just catch up with emails.



#### **ASUS V222**

- Windows 10 Pro
- Up to 10th Gen Intel<sup>®</sup> Core<sup>™</sup> i7-10510U / i5-10210U / i3-10110U processor
- 21.5" 16:9 Full HD (1920 x 1080) Anti-Glare Panel with
- slim bezel and up to 87% screen-to-body ratio
- Up to NVIDA<sup>®</sup> GeForce<sup>™</sup> MX110, GDDR5 2G VRAM
- Up to 16GB DDR4 2400Mhz
- Up to 256GB PCie <sup>®</sup> M.2 SSD + 1TB 5400RPM SATA3 HDD
- ASUS Splendid & Tru2Life Video-vibrant, vivid display
- SonicMaster-ultimate audio experience
- Huge stereo sound with two 3W stereo speakersASUS



# ASUS V241 Unbounded vision, enhanced productivity













The stunningly beautiful ASUS V241 all-in-one PC has a 23.8-inch FHD LED display with a near-invisible 2mm display bezel that gives you edge-to-edge visuals and an incredible 88% screen-to-body ratio. Combined with its advanced ASUS SonicMaster audio — featuring a DTS Audio Processing bass-reflex speaker system — V241 immerses you in amazing visuals and superb sound for the ultimate entertainment experience.







## Incredible NanoEdge Display

The space-saving ASUS V241 is remarkably slim and light, and its multitouch NanoEdge display features an impossibly thin bezel for edge-to-edge viewing and an impressive 88% screen-to-body ratio. This stunning 23.8-inch widescreen display includes wide-view technology that makes it perfect for sharing pictures or videos with friends and family.

#### Vibrant and vivid!

The display on V241 features wide 178° viewing angles, and a 100% sRGB color gamut for vivid and realistic-looking colors. It also includes exclusive ASUS Splendid technology to ensure true-to-life colors. Its FHD resolution is further enhanced with exclusive ASUS Tru2Life Video technology, which optimizes sharpness and contrast for every pixel in every video frame for clearer, more realistic video imagery.

### Blitz through everyday tasks

Powered by the latest energy-efficient 11th Generation Intel® Core™ processors, ASUS V241 delivers effortless performance for smooth multitasking. So whatever task is at hand, you'll finish it quicker! ASUS V241 is the perfect solution for your everyday computing needs, whether you want to surf the web, watch videos, or just catch up with emails!



#### ASUS V241

- Up to 11th Gen Intel<sup>®</sup> Core<sup>™</sup> i7-1165G7 Processor
- Windows 10 Pro / Windows 10 Home / Endless OS
- 23.8", Full HD 1920 x 1080 NanoEdge Display
- Up to NVIDIA<sup>®</sup> GeForce<sup>®</sup> MX330
- DDR4 2666Mhz
- 1TB SATA hard drive, 512GB SSD
- WiFi 802.11 ac
- ASUS Splendid & Tru2Life Video-vibrant, vivid display
- SonicMaster-ultimate audio experience
- Huge stereo sound with two 3W stereo speakersASUS Splendid & Tru2Life Video-vibrant, vivid display



# ASUS M241 Broaden the vision with unlimited enjoyment













The stunningly beautiful ASUS M241 all-in-one PC has a near-invisible 2mm display bezel that gives you edge-to-edge visuals and an incredible 88% screen-to-body ratio. Featuring a 23.8-inch Full HD LED display and advanced ASUS SonicMaster audio with a bass-reflex speaker system, ASUS M241 immerses you in amazing visuals and superb sound for the ultimate entertainment experience.





### Incredible NanoEdge display

The space-saving ASUS AiO M241 is remarkably slim and light, and its NanoEdge display features an impossibly thin bezel for edgeto-edge viewing and an impressive 88% screen-to-body ratio. The stunning 23.8-inch widescreen display includes wide-view technology that makes it perfect for sharing pictures or videos with friends and family, no matter what angle the display is viewed from! With Full HD (1920 x 1080) resolution, you'll enjoy games and movies in beautiful detail, with amazing color and contrast.



#### Vibrant and vivid!

The display on ASUS M241 features wide 178° viewing angles, and 100% sRGB color gamut for vivid and realisticlooking colors. It also includes exclusive ASUS Splendid technology to ensure true-to-life colors. Its Full HD resolution is further enhanced with exclusive ASUS Tru2Life Video technology, which optimizes sharpness and contrast for clearer, more realistic video imagery.



## Advanced bass-reflex speakers

For amazingly immersive multimedia experiences, ASUS AiO M241 has a hugely powerful audio system. The two integrated high-quality stereo speakers are capable of delivering 6W of pure and rich sound, and benefit from an advanced bass-reflex design — a design typically only available in hi-fi speaker systems — to deliver smooth, powerful bass and clear, full-range sound that has to be heard to be believed



- Up to AMD Ryzen<sup>™</sup> 7 3700U Mobile Processor
- 23.8", Full HD 1920 x 1080
- 88% NanoEdge with only 2mm slim bazel
- Up to 16GB DDR4 2400MHz
- Up to SATA 1TB 5400RPM 2.5" HDD + PCle Gen3 x2 512GB M.2 SSD
- 4 x USB 3.2 Gen 1, 1 x USB 2.0, 1 x microphone/headphone comb jack, 1 x HDMI in, 1 x HDMI out, 1 x LAN, 1 x Kensington lock slot
- ASUS Splendid & Tru2Life Video-vibrant, vivid display
- SonicMaster-ultimate audio experience
- Huge stereo sound with two 3W stereo speakers



# ASUS V161 The Flexible All-in-One PC for Your Business











ASUS V161 All-in-One PC features a 15.6-inch 16:9 LED-backlit display that ensures crystal-clear images and reduced power consumption. Its 10-point multitouch panel offers a responsive and smooth input experience. V161 is designed for convenient connectivity, and is equipped with serial (COM) ports, USB 3.1 Gen 1 ports, a VGA port and a HDMI output, so it can connect easily to other commercial devices — from projectors at school to barcode readers and POS systems at retail. The fanless design ensures V161 works silently; reliability is also improved since there's no dust build-up within the system.



# The Power to Do More

ASUS V161 All-in-One PC is powered by an Intel® Celeron® processor with up to 8GB DDR4 memory and Intel® HD Graphics for easy multitasking, enhanced performance, and better energy efficiency in whatever you choose to do.



# Capacitive 10-Point Multitouch Screen with One-Touch Wake

ASUS All-in-One PC V161 has a 15.6-inch display with capacitive 10-point multitouch to provide users with a smooth and responsive input experience. A single tap is all it takes to wake V161 from sleep mode, making it perfect for frequently-used POS systems and self-serve kiosks.



# Industry-Leading Reliability

ASUS All-in-One PCs are designed to provide the best quality, reliability, and usability. All units have been tested to ensure their industry-leading performance on critical test items.



### **ASUS V161**

- Intel<sup>®</sup> Celeron<sup>®</sup> processor N4000
- Windows 10 Pro
- 15.6" HD (1366 x 768) 10-point multitouch display
- Up to 8GB DDR4L 2400MHz RAM
- Up to 500GB SATA HDD or 128GB SATA SSD
- 4 x USB 3.1 Gen 1, 1 x HDMI-out, 1 x 6-in-1 card reader
- Fast and stable WiFi : Integrated 802.11a/b/g/n/ac (2x2)
- Flexible using scenario with optional wall mount
- 2 x 1.5W Speakers





#### Giobal neport

Technology is rapidly changing the way business uses work in the 21st contury. Small and modum-sized businesses have a strong need for mnorative solutions in adapt to change and to compete Numerous studies have concluded that happy employees make for increased customer satisfaction and business performance. Specifically, research by Forest shows that content employees lead to better work performance, higher discretionary effort and lower employee turnover - all of which contributes to an improved customer experience. Improving the employee experience means providing mobile techinology and insultiple devices, making it earlier to handle diverse workloads in any setting.

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# ASUS ACCESSORIES

ASUS accessories ensure you stay productive, providing your PC or mobile devices with durable and high-quality products, including docking, mouse, keyboard, adaptors, and headsets.

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# ASUS SimPro Dock 2 Your one-stop connection station







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ASUS SimPro Dock 2 is a sleek, compact one-stop dock that streamlines laptop connectivity. Attach your laptop via a single cable and it's powered, connected to your network and peripherals, and is primed for multitasking across up to four monitors<sup>1</sup> — including an up to 8K display<sup>2</sup>. It also has an integrated smart card reader for a diverse array of business. Simply, SimPro Dock 2 keeps your desk neat, tidy and organized while setting you up for work in the blink of an eye.<sup>3,4</sup>

3. ASUS SimPro Dock 2 is compatible with certain ASUS laptops as well as non-ASUS laptops. SimPro Dock 2 works with laptops that support the industry-standard USB-C® Alternate Mode or Thunderbolt<sup>™</sup> protocols via the type-C® port.

4. SimPro Dock 2 supports additional features, such as MAC address passthrough, WOL, multiple display support and mirrored power button, on many ASUS laptops and displays. Some features may not be available on certain ASUS laptops, ASUS Chromebook, or non-ASUS laptops.



<sup>1.</sup> ASUS SimPro Dock 2 display support varies by the processor and graphics capabilities of the connected laptop. Please check specifications for full details.

<sup>2.</sup> ASUS SimPro Dock 2 supports up to one 8K display for a laptop which supports DSC (Display Stream Compression).



# Maximize the workspace without bounds

Connect up to four displays<sup>1</sup> at once, making it easier to manage multiple applications and extend your workspace. When attached to a laptop that supports Display Stream Compression (DSC), SimPro Dock 2 supports up to one 8K display<sup>2</sup> — delivering crisp and detailed visuals. It also has DisplayPort<sup>™</sup> 1.4, HDMI<sup>™</sup> 2.0, traditional VGA connectivity, giving you the freedom to connect to also any display you need. As well, SimPro Dock 2's DisplayPort functionality includes support for Multi-Steam Transport (MST), allowing multiple displays to be connected to a single DisplayPort socket.



# Smart card applications, empowered

With a built-in smart card reader, SimPro Dock 2 enables user authentication and security for a diverse array of business applications, from credit card-based financial transactions to identification verification for tax-filing purposes or access to personal data on government websites.



# Power your day

SimPro Dock 2 supports up to 6A of power throughput for rapid charging, and has a built-in 0.6 m cable for quick, convenient connection to your laptop. It provides up to 120W power for compatible laptops, for improved power delivery and charging efficiency.





# ASUS SimPro Dock 2

- Light weight from 650g
- 9.9 (W) x 16.15 (D) x 4.06 (H) cm



# ASUS MW203 Multi-Device Wireless Silent Mouse

ASUS MW203 is a mouse which enables conveniently switch between three wireless devices (Bluetooth® 5.0 / Bluetooth® 3.0 / RF 2.4 GHz) with just one click. Three adjustable DPI modes (1000 / 1600 / 2400) for more precise control, ideal for high resolution monitors. Auto sleep mode efficiently prolongs battery life to up to 13 months. Almost-silent mouse buttons ( < 20 dB) eliminates annoying mouse clicks.



#### ASUS W2500 Wireless Keyboard and Mouse Set

ASUS W2500 is a wireless keyboard and mouse combo that's designed for utmost productivity. There's no additional software required, simply plug in the 2.4GHz dongle to your desktop or notebook and you're ready to go. Both keyboard and mouse have been designed to ensure you stay comfortable even after long hours of use.

# ASUS 90W Universal Adapter

The ASUS 90W Universal Adapter is a 90-watt AC adapter for ASUS laptops and Ultrabooks. It includes three different connector tip sizes to ensure compatibility with different devices, so you can share it with friends and colleagues. Compact, travel-friendly dimensions (7.5 x 7.5 x 2.88 cm, adapter only).



#### ASUS Ultra Mini Universal Adapter

Engineered for easy travel, ASUS 65W USB-C Ultra Mini Universal Adapter features a compact design, high compatibility and changeable plugs, allowing on-the-go pros to charge quickly and easily. With fast-charge support for seamless productivity and integrated overheat and overpower protection, it's the small, smart and lightweight charger that packs a whole lot of power — perfect for your worldwide travels.





## ASUS PEN SA201H

ASUS Pen SA201H is the perfect accessory for your ASUS touchscreen device, allowing you to write, draw or annotate in any supported app. It features MPP 2.0 technology to give you tilt and 4096-level pressure sensitivity, and its pressure-sensitive tip replicates a natural writing experience. Lasting up to a year on a single battery charge\*, ASUS Pen SA201H is ready to use whenever and wherever you want. \*Based on average daily use of 2 hours.

### ASUS PEN SA300

ASUS PEN SA300 is an USI method active stylus pen with an elegant and intuition design appearance. Aluminum material used in the shaft of a pen giving the comfort while using. Its 4096 pressure-sensitive tip replicates a natural writing experience, and with up to 9 months of use without needing to replace the battery, you'll be able to use ASUS PEN SA300 whenever and wherever you want.

# Clique H10

These exquisite wireless Bluetooth® headphones are specially designed to deliver sensational audio performance that enriches every music listening experience. Clique H10 redefines the Bluetooth® headphone experience with its sensational audio performance and versatile, sleek design. Unique lock-in ear fins ensure earbuds stay securely and comfortably in place during exercise 5+ hours of continuous listening and 260 hours of standby time.

## **ROG Strix Fusion Wireless**

ROG Strix Fusion Wireless is a wireless headset designed to give you freedom of movement. Compatible with PC, its 2.4GHz wireless connection and dual-antenna design offer a more stable and instant audio transmission, letting you game freely and without interruption. Its 50mm ASUS Essence drivers and exclusive airtight chamber technology lets you hear every detail in the game, and its easy touch controls ensure a smooth experience. Get ready to enjoy unparalleled flexibility.

# Al Noise-Canceling Mic Adapter

ASUS AI Noise-Canceling Mic Adapter is the world's first USB-C-to-3.5 mm adapter with integrated AI Noise-Canceling Microphone (AI Mic) technology. It uses AI-powered noise cancelation to deliver crystal clear voice communication when used with any 3.5 mm headset with a microphone. Weighing just 8 grams, it includes a digital-to-analogue converter (DAC) that includes exclusive ASUS Hyper-Grounding technology to prevent electromagnetic interference, giving you noise-free audio. Get a big upgrade on sound quality with this small device.



The newly upgraded ASUS USB3.0 HZ-3A Plus Dock lets you easily connect your laptop to all your accessories, and also gives you convenient network and audio connections! It connects to your PC via a single USB cable, and features two USB 3.0 ports on each side that now support a powerful fast-charge function for quickly recharging your portable devices. We've also added a DC-out 90W charger port for charging your laptop at the mean time.



# ASUS MHS07K monitor ergonomic stand

The ASUS MHS07K monitor ergonomic stand maximizes viewing comfort and improves productivity by giving tilt, pivot, swivel, and height adjustable capability for the ideal viewing position. For example, with the ASUS MHS07K monitor stand, users can pivot the monitor clockwise or counterclockwise 90° into a portrait orientation for less scrolling while reading longer e-mails and web pages.



#### ASUS MKT02 mini-PC Mounting Kit

The ASUS LCD monitor mounting solution, MKT02 Mini PC Kit, is designed to work with ASUS selective monitors for those who need to mount mini PCs on the monitor, to make the desktop clutter-free and space saving. Easily mount mini PCs on the selective stand to make the desktop clutter-free and space saving. The VESA is 100x100mm compatible.



# TRUSTED BUSINESS SOLUTIONS

ASUS offers a comprehensive business product portfolio including servers, workstations, intelligent edge computers, Mini PCs, business motherboards, monitors and projectors to deliver end-to-end total solutions for business of all sizes, and has over 1,000 service centers across 98 countries and employs over 5,000 world-class R&D talents, bridging the gap between business requirements and IT deployments.

#### We offers:

- Rack and GPU server
- High-performance workstation
- Mini PCs for SMB and content creation
- Intelligent edge computer for AI and IoT applications
- Business and Industrial motherboard
- Business monitor and projector












# **ASUS Server** ESC4000-E10

2U dual-socket GPU server powered by 3rd Gen Intel Xeon Scalable processors and supports four NVIDIA® A100 or AMD Instinct MI100 GPUs



8 x PCIe Gen 4.0 x16 slots (x16 link), single-slot GPUs

#### PCIe 4.0 Ready

ASUS ESC4000-E10 servers are PCIe 4.0 ready to support a diverse array of graphics, storage and networking – enabling flexible scalability for demanding or increasing workloads.

# Hannel





#### **GPU and FPGA support**

ESC4000-E10 features a powerful GPU architecture that supports up to four double-slot GPUs or Xilinx accelerators, plus features NVIDIA® NVLink® Bridge to enable scaling of performance to meet the demands of high-performance computing.

#### Flexible front panel design

ESC4000-E10 features a flexible front panel design supporting up to eight NVMe SSD drives and an optional choice of OCP 3.0, a M.2 adapter or HBA/RAID card via PCIe 4.0 slot for better performance and lower latency.



smash every performance expectation.

**ASUS Workstation Pro E800 G4** 

ASUS Pro E800 G4 is built for advanced creative professionals and delivers superior performance for real-time rendering, complex simulations and

data-intensive workloads with the latest Intel Xeon W-3200 processors and

up to four NVIDIA® or AMD professional graphics cards. It's built to last,

certified by multiple independent software vendors (ISV) and is primed to







## Efficient productivity with ultrafast speed

With support for up to four graphics cards and dual 10GbE LAN, Pro E800 G4 improves your productivity by delivering ultrafast speeds for performance-intensive tasks.

# Four GPUs support, faster bandwidth

Pro E800 G4 supports the latest NVIDIA® Quadro® graphics cards to deliver the horsepower needed to run design, modeling and rendering applications.

#### Independent Software Vendor (ISV) certification

ASUS works in close partnership with numerous independent software vendors to test and verify compatibility with our hardware.



SOLUTION

# ASUS MODERN OFFICE SOLUTIONS

ASUS values its relationship with businesses, no matter what their size. Micro-businesses with limited IT budgets; large enterprises that require simplified remote management; sales operations that require rapid mobility and security; or designers and engineers seeking high performance computing — all these customers can rely on ASUS to provide comprehensive solutions tailored to their unique technology requirements.

**/ISUS** / 110



#### Simplified Solutions You Can Rely on

Computers used for administrative and back-office tasks do not normally need particularly high performance, but good ergonomics are essential to ensure maximum efficiency and productivity. ASUS offers a complete range of industrial-grade, wide-screen compatible and ergonomic desktop computers. Where workspaces are restricted in size, the small-form-factor(SFF) PC has the ideal balance between size and performance. Large-screen notebooks may be a solution for those users needing a degree of mobility, or for use in hot-desking environments.



#### ASUS ExpertCenter D5 Small Form Factor

For a space-limited office environment, ASUS offers space-saving small-formfactor (SFF) desktops that can be used either vertically or horizontally. These compact models provide a perfect balance of performance, expandability and space-saving efficiency.



#### **ASUS AIO**

ASUS All-in-One PCs pack everything you need into a slim and stylish design for a clutter-free user experience. Its NanoEdge display features a thin bezel for edge-to-edge viewing and it offers 22/ 24/ 27-inch widescreen display options all with wide-view technology that makes it perfect for sharing with colleagues. And with its precise 10-point multi-touch capability, it's easier than ever to interact and control!



#### **ASUS Mini PC**

ASUS Mini PC has a space-saving design that makes it easy to conceal behind the monitor it's connected to. Power consumption complies with internationally recognized standards such as Energy Star and EPEAT. As well as its exceptionallycompact design, ASUS Mini PC also provides plenty of computing power for standard office tasks.



#### ASUS ExpertBook B1

Large-screen laptops can even replace desktop adding the benefits of occasional mobility while maintaining high levels of performance and flexibility. B1400 has a 14" screen, dual storage options, and a full complement of I/O ports, providing the perfect balance between functionality and price. B1400 is great value, and an essential choice for your business.

#### ASUS Eye Care Monitor

ASUS widescreen displays enable powerful multi-tasking desktop environments for staff, while reducing the eyestrain associated with ASUS Eye Care technology. Its slim-bezel NanoEdge display provides more screen in less space, for an incredibly compact footprint.

# ASUS RETAIL&SERVICE SOLUTIONS

In the highly competitive consumer market, it is vital to use technology to improve communication with customers, while focusing limited manpower on providing customer service. Therefore, the use of integrated information technology equipment and information services to help improve customer satisfaction — while promoting customer loyalty and repeat purchases — is the key to survival in the retail and services sector.

#### Warehouse & Distribution Center

# Streamline Production Control and Inventory Management

For warehouse and distribution centers, tablets combined with hand-held scanners not only reduce data-entry time, but they also make it possible to update central systems in real-time for robust production control and inventory management. In busy and complex production environments, a streamlined thin-client-based architecture is often the preferred solution, with limited need for high-performance computing.



#### ASUS detachable laptop

ASUS Transformer Book employs Microsoft Windows 10 operating system, making it easy to integrate with inventory management systems. Combined with handheld scanners, ASUS Transformer Book helps reduce data-entry time and enables real-time updates of the production status



#### **ASUS tablet**

ZenPad can easily integrate with inventory management systems, allowing staff members to always keep track on the inventory status. It can also help deliver interactive and personalized experiences for all customers, display in-store advertisements, and perform customer satisfaction surveys.



#### ASUS Business All-in-One PC

The space-saving and touch-enabled All-in-One PC is the preferred choice for crowded warehouse and distribution centers. With no keyboard and mouse required, workers can easily control the PC using just their fingertips. Built-in serial ports allow connection with peripherals such as barcode scanners for easy inventory management.



#### Zero Client

This space-efficient, standalone computing solution provides a host of benefits for your IT administrators, including centralized management, control and maintenance. Despite its small size, the ASUS Zero Client solution allows smooth high-performance computing for factory operation.



#### Networking

ASUS networking equipment offers a stable and effective solution for wired environments. Alternatively, our latest high-coverage wireless equipment helps to ensure fast and uninterrupted access for a seamless online experience throughout the warehouse or factory.



#### **Ensure Efficiency During Service**

ASUS has a comprehensive product range, and can provide competitive tailored solutions for any retail environment, helping you make the most of your budget. From space-saving All-in-One PCs with convenient touchscreen functionality; ultra-compact Mini PCs that can be combined with point-of-sale (POS) systems; our wide range of display and digital signage products; plus our wired or wireless networking infrastructure to suit any size of premises.



#### ASUS tablet

ASUS tablets can simplify the ordering process in restaurants, allowing waiters to take order at the customer's seat and send it instantly to the kitchen. It can simplify the ordering process in restaurants. Customers no longer have to wait in line to order.



#### ASUS Business All-in-One PC

ASUS Business All-in-One PC is an excellent choice when it comes to running a store's POS system. The All-in-One design gets rid of the mess of external cables, giving a better appearance in customer-facing areas, while the intuitive touchscreen's simplicity and convenience help ensure smooth operation.



#### Mini PC

Perfect for use with a digital billboard, its compact size is easy to conceal behind the monitor it's connected to. It's also compatible with POS peripherals and software. In addition to being exceptionally affordable, it saves space and is easy to remove for maintenance. For limited storefront space and a modest budget, ASUS Mini PC is the ideal choice.



#### **Digital Signage**

Traditional large-format printed billboards are increasingly being replaced by storefront digital signage. Displayed content can be instantly updated at any time, thus eliminating the cost of printing.





ASUS stick PCs are candy-bar-sized computing solutions that turn any HDMI monitor or TV into a computer. Chromebit CS10 is an easy-to-manage, energy-efficient Chrome OS solution for businesses, and can be used for in-store point-of-sale (POS) displays, signage, and kiosk installations.



#### Efficient Communication with the Public

When communicating with potential customers in public spaces, large-scale digital signage is an incredibly effective means of interaction. Digital billboards and video walls have proven results in locations such airports, railway stations, hotels, and retail stores. Interactive touch All-in-One PCs and space-saving mini PCs connected with fast and reliable wireless and/or wired internet connectivity are suitable for information kiosks or public PCs, fulfilling the demand by both business and leisure users at public areas.



#### **Digital Signage**

High-visibility digital signage is an ideal and cost-effective alternative to printed information in busy areas such as hotel lobbies, dining areas and leisure facilities. Attractive and eye-catching dynamic multimedia content can help drive sales in retail locations, or provide useful guest information services such as upcoming special event schedules, weather forecasts or other local information.



#### Stick PC

ASUS VivoStick is a shirt-pocket-sized device that turns any HDMI monitor or TV into a fully functional Windows PC. It has a wealth of business applications and can be used as a plug-and-play media player to power digital signage or outfield scoreboards, or as a secure kiosk solution.



#### ASUS Business All-in-One PC

ASUS Business All-in-One PC is available in several sizes, all of which can be wallmounted. The slim and stylish design allows All-in-One PCs to be integrated easily into public spaces, while touch-screen functionality provides an intuitive user interface that's ideal for interactive applications.



#### MiniPC

With an ultra-compact form factor, VivoMini can be placed in unobtrusive locations, such as behind digital signage. VivoMini can also integrate easily with POS peripherals and software. As well as being highly affordable, VivoMini save space and can be easily removed for maintenance.



#### Networking

The provision of internet connectivity in public areas and guest rooms is a must for hotels. ASUS network equipment is the foundation of a fast and reliable network infrastructure, with greatly-reduced power consumption thanks to the Green Network features.



**SPECIFICATIONS** 

# PRODUCT SPECIFICATIONS

Full product specifications and product feature matrix.



### Ð

reddot winner 2020





	ExpertBook B9 (B9400CEA)	ExpertBook B9 (B9450)
Operating system	Windows 10 Pro( ASUS recommends Windows 10 Pro) Windows 10 Home	Windows 10 Pro( ASUS recommends Windows 10 Pro) Windows 10 Home
CPU	Intel® Core™ i7-1165G7 processor 2.8 GHz (12MB cache, up to 4.7 GHz, 4 cores) Intel® Core™ i5-1135G7 processor 2.4 GHz (8MB cache, up to 4.2 GHz, 4 cores)	Intel® Core™ i7-10510U processor 1.8 GHz (8MB cache, up to 4.9 GHz, 4 cores) Intel® Core™ i5-10210U processor 1.6 GHz (6MB cache, up to 4.2 GHz, 4 cores) Intel® Core™ i7-10610U vPro® processor 1.8 GHz (8MB cache, up to 4.9 GHz, 4 cores) Intel® Core™ i5-10310U vPro® processor 1.7 GHz (6MB cache, up to 4.4 GHz, 4 cores)
GPU	Intel® Iris® X <sup>e</sup> Graphics	Intel® UHD Graphics
Memory	Up to 32 GB LPDDR4X_4266MHz Onboard: 8 GB/16 GB/32 GB LPDDR4X_4266MHz	Up to 16 GB LPDDR3 Onboard: 8 GB/16 GB LPDDR3
Storage	2 x M.2 SSD, up to 4TB PCle <sup>®</sup> 3.0 X4 512 GB/1 TB/2 TB PCle 3.0 x4 M.2 SSD Support RAID 0, RAID 1	2 x M.2 SSD, up to 4TB PCIe <sup>®</sup> 3.0 X4 512 GB/1 TB/2 TB PCIe 3.0 x4 M.2 SSD
Display	14.0" FHD (1920x1080), 16:9. wide view, anti-glare, LED backlit, 72% NTSC	14.0"" FHD (1920x1080), 16:9. wide view, anti-glare, 300 nits, LED backlit, 100% sRGB, 72% NTSC
Stylus	Not available	Not available
I/O ports	2 x Thunderbolt™ 4 Type-C (supports 4K display, USB PD3.0) / 1 x USB 3.2 Gen 2 Type-A / 1 x HDMI / 1 x RJ45 LAN via micro HDMI port / 1 x Kensington lock slot / 1 x Audio combo jack	2 x Thunderbolt™ 4 Type-C (supports 4K display, USB PD3.0) / 1 x USB 3.2 Gen 2 Type-A / 1 x HDMI / 1 x RJ45 LAN via micro HDMI port / 1 x Kensington lock slot / 1 x Audio combo jack
Video camera	720p HD Camera with IR camera	720p HD Camera with IR camera
Wireless	WiFi 6 (802.11ax) + Bluetooth® 5.0 (Dual band) 2x2	WiFi 6 (802.11ax) + Bluetooth® 5.0 (Dual band) 2x2
Audio	2 x speaker with harman/kardon certified 4 x 360° far-field microphone ASUS two-way Al Noise-Canceling Technology Smart amp technology Array microphone with Cortana and Alexa voice-recognition	2 x speaker with harman/kardon certified 4 x 360° far-field microphone ASUS two-way Al Noise-Canceling Technology Smart amp technology Array microphone with Cortana and Alexa voice-recognition
Weight	33 W battery : 0.880 kg 66 W battery : 1.005 kg	33 W battery : 0.870 kg 66 W battery : 0.995 kg
Dimensions	32.0(W) × 20.3(D) × 1.49(H) cm	32.0(W) × 20.3(D) × 1.49(H) cm
Battery	66Wh, 4-cell Li-Polymer 33Wh, 2-cell Li-Polymer	66Wh, 4-cell Li-Polymer 33Wh, 2-cell Li-Polymer
Security	Fingerprint sensor with Windows Hello support TPM 2.0 (Optional) Windows Hello with facial recognition software (requires IR Camera) Proximity sensor Webcam Shield Kensington lock slot	Fingerprint sensor with Windows Hello support TPM 2.0 (Optional) Windows Hello with facial recognition software (requires IR Camera) Webcam Shield Kensington lock slot
Keyboard and touchpad	Full-size keyboard with 1.5 mm key travel; backlit; spill-resistant to 66cc* *Quantity used during testing, with duration of 3 minutes	Full-size keyboard with 1.5 mm key travel; backlit; spill-resistant to 66cc* *Quantity used during testing, with duration of 3 minutes
NumberPad	Yes	Yes
AC adapter	USB Type-C®, 65 W; Output: 20V DC, 3.25A; Input: 100-240 V AC 50/60Hz universal	USB Type-C <sup>®</sup> , 65 W; Output: 20V DC, 3.25A; Input: 100-240 V AC 50/60Hz universal
Energy efficiency compliance	Energy star 7.0, EPEAT Gold	Energy star 7.0, EPEAT Gold

#### SPEC | B7/B5 SERIES

	14.0"	13.3″	13.3"
	ExpertBook B7 (B7402F)	ExpertBook B5 (B5302C)	ExpertBook B5 Flip (B5302F)
Operating system	Windows 10 Pro( ASUS reco Windows Windows		Windows 10 Pro( ASUS recommends Windows 10 Pro) Windows 10 Home
CPU	Intel® Core™ i7-1185G7 vPro® processor (12MB cache, up to 4.8 GHz, 4 cores) Intel® Core™ i5-1145G7 vPro® processor (8MB cache, up to 4.4 GHz, 4 cores)	Intel® Core™ i7-1165G7 processor 2.8 GHz (12MB cache, up to 4.7 GHz, 4 cores) Intel® Core™ i5-1135G7 processor 2.4 GHz (8MB cache, up to 4.2 GHz, 4 cores)	Intel® Core™ i7-10510U processor 1.8 GHz (8MB cache, up to 4.9 GHz, 4 cores) Intel® Core™ i5-10210U processor 1.6 GHz (6MB cache, up to 4.2 GHz, 4 cores) Intel® Core™ i7-10610U vPro® processor 1.8 GHz (8MB cache, up to 4.9 GHz, 4 cores) Intel® Core™ i5-10310U vPro® processor 1.7 GHz (6MB cache, up to 4.4 GHz, 4 cores)
GPU	Intel® Iris® >	(e Graphics	Intel <sup>®</sup> UHD Graphics
Memory	Up to 32 GB LPD Onboard: 8 GB/16 GB/32	DR4X 4266MHz GBLPDDR4X 4266MHz	Up to 16 GB LPDDR3 Onboard: 8 GB/16 GB LPDDR3
Storage	2 x M.2 SSD, up to 512 GB/1 TB/2 TB F Support RA	Cle 3.0 x4 M.2 SSD	2 x M.2 SSD, up to 4TB PCIe <sup>®</sup> 3.0 X4 512 GB/1 TB/2 TB PCIe 3.0 x4 M.2 SSD
Display	14.0" FHD (1920x1080), 16:9. wide vie	w, anti-glare, LED backlit, 72% NTSC	14.0"" FHD (1920x1080), 16:9. wide view, anti-glare, 300 nits, LED backlit, 100% sRGB, 72% NTSC
Stylus	Not av	ailable	Not available
I/O ports	2 x Thunderbolt <sup>™</sup> 4 Type-C (supports 4K display, USB PD3.0) / 1 x USB 3.2 Gen 2 Type-A / 1 x HDMI / 1 x RI45 LAN via micro HDMI port / 1 x Kensington lock slot / 1 x Audio combo jack		2 x Thunderbolt™ 4 Type-C (supports 4K display, USB PD3.0) / 1 x USB 3.2 Gen 2 Type-A / 1 x HDMI / 1 x RJ45 LAN via micro HDMI port / 1 x Kensington lock slot / 1 x Audio combo jack
Video camera	720p HD Camera with IR camera		720p HD Camera with IR camera
Wireless	WiFi 6 (802.11ax) + Bluetooth® 5.0 (Dual band) 2x2		WiFi 6 (802.11ax) + Bluetooth® 5.0 (Dual band) 2x2
Audio	2 x speaker with harman/kardon certified 4 x 360° far-field microphone ASUS two-way Al Noise-Canceling Technology Smart amp technology Array microphone with Cortana and Alexa voice-recognition		2 x speaker with harman/kardon certified 4 x 360° far-field microphone ASUS two-way Al Noise-Canceling Technology Smart amp technology Array microphone with Cortana and Alexa voice-recognition
Weight	33 W battery : 0.880 kg 66 W battery : 1.005 kg		33 W battery : 0.870 kg 66 W battery : 0.995 kg
Dimensions	32.0(W) × 20.3(	D) x 1.49(H) cm	32.0(W) x 20.3(D) x 1.49(H) cm
Battery	66Wh, 4-cell Li-Polymer 33Wh, 2-cell Li-Polymer		ббWh, 4-cell Li-Polymer 33Wh, 2-cell Li-Polymer
Security	Fingerprint sensor with Windows Hello support TPM 2.0 (Optional) Windows Hello with facial recognition software (requires IR Camera) Proximity sensor Webcam Shield Kensington lock slot		Fingerprint sensor with Windows Hello support TPM 2.0 (Optional) Windows Hello with facial recognition software (requires IR Camera) Webcam Shield Kensington lock slot
Keyboard and touchpad	Full-size keyboard with 1.5 mm key travel; backlit; spill-resistant to 66cc* *Quantity used during testing, with duration of 3 minutes		Full-size keyboard with 1.5 mm key travel; backlit; spill-resistant to 66cc* *Quantity used during testing, with duration of 3 minutes
NumberPad	Yes		Yes
AC adapter	USB Type-C <sup>®</sup> , 65 W; Output: 20V DC, 3.25A; Input: 100-240 V AC 50/60Hz universal		USB Type-C <sup>®</sup> , 65 W; Output: 20V DC, 3.25A; Input: 100-240 V AC 50/60Hz universal
Energy efficiency compliance	Energy star 7.0, EPEAT Gold		Energy star 7.0, EPEAT Gold

#### SPEC | B3 SERIES | P1 SERIES





ExpertBook B3 (B3402F)



ExpertBook P1 (P1410CDA)

#### ExpertBook P1 (P1510CDA)

Operating system	Windows 10 Pro	( ASUS recommends Windows 10 Pro) Windows 10 Home	
CPU	AMD Ryzen-Pi Al	casso R7-3700U/R5-3500U/R3-3200U MD Dali-Ryzen 3 3250U Athlon 3150U/3050U	
GPU		MD Radeon™ Graphics	
Memory	Dali: up to i	x onboard, 1 x SO-DIMM 8 GB DDR4, onboard: 4 GB DDR4 5 GB DDR4, onboard: 4 GB/8 GB DDR4	
Storage	1 x SSD, up to 512 GB 1 x HDD, up to 1 TB SATA 5400RPM 128 GB/256 GB SATA3 SSD or 256 GB/512 GB PCIe SSD + 500 GB/1 TB HDD		
Display	14.0"" HD (1366 x 768), 16:9, anti-glare, LED backlit, 60Hz 14.0"" FHD (1920 x 1080), 16:9, anti-glare, LED backlit, 60Hz 14.0"" FHD (1920 x 1080), 16:9, anti-glare, wide view, LED backlit, 60Hz	15.6"" HD (1366 x 768), 16:9, anti glare, LED backlit, 200nits, narrow boarder 15.6"" FHD (1920 x 1080), 16:9, anti glare, LED backlit, 200nits, narrow border 15.6"" FHD (1920 x 2080), IPS, 16:9, anti glare, wide view, LED backlit, 250nits, narrow border	
Stylus		Not available	
I/O ports	1 x USB 3.2 Gen 1 Type-C / 1 x USB 3.2 Gen 1 Type-A / 2 x USB 2.0 / 1 x HDMI / 1 x Combo audio jack / 1 x microSD card reader		
Video camera		VGA camera	
Wireless	1x1 WiFi 5	5 (802.11AC) + Bluetooth® 4.1/5.0	
Audio	Built-in array microphone Built-in 3411 speakers with Sonic Master	Built-in array microphone Built-in 18phi speakers with Sonic Master	
Weight	Starting at 1.6 kg	Starting at 1.8 kg	
Dimensions	32.5(W) x 21.6(D) x 2.29(H) cm	36.02(W) x 23.49(D) x 2.29(H) cm	
Battery	32	2 WH, 2-cell, Li-polymer	
Security	Fingerprint sensor (optional), fTPM	2.0, HDD user password protection, Kensington lock slot	
Keyboard and touchpad			
NumberPad		Not available	
AC adapter	ø4.5 (mm), 45W (65W); Output:	19V DC, 2.37 A; Input: 100~240 V AC 50/60Hz universal	
Energy efficiency compliance Energy star 7.0		Energy star 7.0	

Operating system	Windows 10 Pro(ASUS recommends Windows 10 Pro) / Windows 10 Home / Windows 11 Pro(ASUS recommends Windows 11 Pro) / Windows 11 Home
CPU	Intel® Core™ i7-1165G7 processor 2.8 GHz (12MB cache, up to 4.7 GHz, 4 cores) Intel® Core™ i5-1135G7 processor 2.4 GHz (8MB cache, up to 4.2 GHz, 4 cores) Intel® Core™ i3-1115G4 processor 3.0 GHz (6MB cache, up to 4.1 GHz, 2 cores)
GPU	Intel® Iris® X° graphics Intel® UHD graphics
Memory	1 x onboard, 1 x SO-DIMM, up to 48 GB DDR4 3200 MHz Onboard: 4 GB/8 GB/16 GB DDR4 3200 MHz SO-DIMM: 4 GB/8 GB/16 GB/32 GB DDR4 3200 MHz
Storage	1 x M.2 SSD, up to 1 TB PCIe® 3.0 SSD 128 GB/256 GB/512 GB M.2 PCIe®3.0 Value SSD 1TB M.2 PCIe®3.0 Performance SSD
Display	14"" FHD (1920 x 1080), IPS, 16:9, touch screen, wide view, glossy, LED backlit, 250 nits, 80% screen-to-body ratio, stylus support 14"" FHD (1920 x 1080), IPS, 16:9, touch screen, wide view, glossy, LED backlit, 400 nits, 80% screen-to-body ratio, stylus support, 100% sRGB
Stylus	MPP 2.0 garaged stylus (optional)
I/O ports	2 x Thunderbolt™4 Type-C (supports 4K display, USB PD3.0 ) / 1 x USB 3.2 Gen1 Type-A / 1 x USB 2.0 Type-A / 1 x HDMI 2.0a / 1 x RJ45 / 1 x miscroSD card and nano SIM card combo slot / 1 x 3.5 mm combo audio jack / 1 x Kensington lock slot
Video camera	720 P HD user-facing camera, Webcam Shield; 13.0 MP world-facing camera (optional)
Wireless	Wireless on board Dual-band 2x2 WiFi 6 (802.11ax) + Bluetooth® 5.0 / Dual-band 2x2 WiFi 5 (802.11ac) + Bluetooth® 5.0 / Dual-band 1x1 WiFi 5 (802.11ac) + Bluetooth® 5.0 / 4G LTE embedded with 4 antenna (optional)
Audio	2 x speaker / 2 x multi-array microphone / ASUS two-way Al Noise-Canceling Technology / Cortana voice-recognition support
Weight	1.61 kg
Dimensions	32.9(W) × 22.39(D) × 1.93(H) cm
Battery	50 Wh, 3-cell, Li-on
Security	Fingerprint sensor(combo power bottom), TPM 2.0 (optional), Webcam Shield , Kensington lock slot
Keyboard and touchpad	Full-size keyboard with 1.5 mm key travel; backlit (optional); spill-resistant to 330cc* *Quantity used during testing, with duration of 3 minutes
NumberPad	Optional
Featured software	ASUS Control Center (sold separately), ASUS Business Manager, MyASUS
AC adapter	USB Type-C*, 65 W; Output: 20 V DC, 3.25 A; Input: 100~240 V AC 50/60 Hz universal
Energy efficiency compliance	Energy star, EPEAT Silver

#### SPEC | B1 SERIES



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	ExpertBook B1 (B1400CEAE)	ExpertBook B1 (B1500CEAE)
Operating system	Windows 10 Pro ( ASUS recommends Windows 10 Pro) Windows 10 Home Endless OS	Windows 10 Pro ( ASUS recommends Windows 10 Pro) Windows 10 Home Endless OS
CPU	Intel® Core™ i7 1165G7 Processor Intel® Core™ i5 1135G7 Processor Intel® Core™ i3 1115G4 Processor Intel® Pentium® 7507 Processor Intel® Celeron 6305 Processor	Intel® Core™ i7 1165G7 Processor Intel® Core™ i5 1135G7 Processor Intel® Core™ i3 1115G4 Processor Intel® Pentium® 7507 Processor Intel® Celeron 6305 Processor
GPU	Intel® UHD graphics (Intel® Celeron® 6305 / Intel® Pentium®® Gold 7505 /Intel® Core™ i3) Intel® Iris® X® graphics (Intel® Core™ i5/ Intel® Core™ i7)	Intel® UHD graphics (Intel® Celeron® 6305 / Intel® Pentium®® Gold 7505 /Intel® Core™ i3) Intel® Iris® Xº graphics (Intel® Core™ i5/ Intel® Core™ i7)
Memory	1 x onboard, 1 x SO-DIMM, up to 48 GB DDR4 3200 MHz Onboard: 4 GB/8 GB/16 GB DDR4 3200 MHz SO-DIMM: 4 GB/8 GB/16 GB/32 GB DDR4 3200 MHz	1 x onboard, 1 x SO-DIMM, up to 48 GB DDR4 3200 MHz Onboard: 4 GB/8 GB/16 GB DDR4 3200 MHz SO-DIMM: 4 GB/8 GB/16 GB/32 GB DDR4 3200 MHz
Storage	1 x M.2 SSD, up to 1 TB PCIe® 3.0 SSD 1 x HDD, up to 2 TB 128 GB/256 GB/512 GB/1TB M.2 PCIe®3.0 Value SSD	1 x M.2 SSD, up to 1 TB PCIe® 3.0 SSD 1 x HDD, up to 2 TB 128 GB/256 GB/512 GB/1TB M.2 PCIe®3.0 Value SSD
Display	14.0" HD (1366 x 768), IPS, 16:9, wide view, anti-glare, 220 nits, 45% NTSC 14.0" FHD (1920 x 1080), IPS, 16:9, wide view, anti-glare, 220 nits, 45% NTSC 14.0" FHD (1920 x 1080), value IPS, 16:9, wide view, anti-glare, 250 nits, 45% NTSC	15.0" HD (1366 x 768), IPS, 16:9, wide view, anti-glare, 220 nits, 45% NTSC 15.0" FHD (1920 x 1080), IPS, 16:9, wide view, anti-glare, 220 nits, 45% NTSC 15.0" FHD (1920 x 1080), value IPS, 16:9, wide view, anti-glare, 250 nits, 45% NTSC
Stylus	Not available	Not available
I/O ports	1 x Thunderbolt™ 4 Type-C (supports 4K display, USB PD3.0) / 2 x USB3.2 Gen2 Type-A / 1 x USB2.0 Type-A / 1 x HDMI 1.4 / 1 x RJ45 Gigabit Ethernet / 1 x MicroSD Card slot / 1 x Kensington lock slot / 1 x 3.5 mm combo audio jack	1 x Thunderbolt™ 4 Type-C (supports 4K display, USB PD3.0) / 2 x USB3.2 Gen2 Type-A / 1 x USB2.0 Type-A / 1 x HDMI 1.4 / 1 x RJ45 Gigabit Ethernet / 1 x MicroSD Card slot / 1 x Kensington lock slot / 1 x 3.5 mm combo audio jack
Video camera	720p HD camera, Webcam Shield	720p HD camera, Webcam Shield
Wireless	Wireless on board Dual-band 2x2 WiFi 6 (802.11ax) + Bluetooth® 5.2 Dual-band 2x2 WiFi 5 (802.11ac) + Bluetooth® 5.0	Wireless on board Dual-band 2x2 WiFi 6 (802.11ax) + Bluetooth® 5.2 Dual-band 2x2 WiFi 5 (802.11ac) + Bluetooth® 4.1
Audio	2 x speaker / 2 x multi-array microphone / ASUS two-way Al Noise-Canceling Technology	2 x speaker / 2 x multi-array microphone / ASUS two-way Al Noise-Canceling Technology
Weight	1.45 kg	1.72 kg
Dimensions	32.34(W) × 21.56(D) × 1.92(H) cm	35.8(W) × 23.65(D) × 1.94(H) cm
Battery	42 Wh, 3-cell, Li-Polymer	42 Wh, 3-cell, Li-Polymer
Security	Fingerprint sensor(combo power bottom), TPM 2.0 (optional), Webcam Shield , Kensington lock slot	Fingerprint sensor(combo power bottom), TPM 2.0 (optional), Webcam Shield , Kensington lock slot
Keyboard and touchpad	Full-size keyboard with 1.5 mm key travel; backlit (optional); spill-resistant to 330cc* *Quantity used during testing, with duration of 3 minutes	Full-size keyboard with 1.5 mm key travel; backlit (optional); spill-resistant to 330cc* *Quantity used during testing, with duration of 3 minutes
NumberPad	Optional	Optional
AC adapter	USB Type-C <sup>®</sup> , 65 W; Output: 19 V DC, 3.42 A; Input: 100~240 V AC 50/60 Hz universal	USB Type-C®, 65 W; Output: 19 V DC, 3.42 A; Input: 100~240 V AC 50/60 Hz universal
Energy efficiency compliance	Energy star 7.0, EPEAT Gold	Energy star 7.0, EPEAT Gold

#### SPEC | P1 SERIES



	ExpertCenter Mini Tower D9 (D900MC)	ExpertCenter SFF D9 (D900SC)
Operation system	Windows 10 Pro - ASUS recommends Windows 10 Pro for business / Window	vs 10 Home - ASUS recommends Windows 10 Pro for business / Clean OS
CPU	Intel® Core™ i9-11900 processor 2.5 GHz (16MB cache, up to 5.20 GHz, 8 cores) Intel® Core™ i7-11700 processor 2.5 GHz (16MB cache, up to 4.9 GHz, 8 cores) Intel® Core™ i5-11500 processor 2.7 GHz (12MB cache, up to 4.6 GHz, 6 cores) Intel® Core™ i5-11000 processor 2.6 GHz (12MB cache, up to 4.4 GHz, 6 cores) Intel® Core™ i3-10105 processor 3.7 GHz (6MB cache, up to 4.4 GHz, 4 cores)	Intel® Core™ i7-11700 processor 2.5GHz (16MB cache, up to 4.9 GHz, 8 cores) Intel® Core™ i5-11500 processor 2.7 GHz (12MB cache, up to 4.6 GHz, 6 cores) Intel® Core™ i5-11400 processor 2.6 GHz (12MB cache, up to 4.4 GHz, 6 cores) Intel® Core™ i3-10105 processor 3.7 GHz (6MB cache, up to 4.4 GHz, 4 cores)
Chipset	Intel® Q570 / Support In	tel® vPro Technology
Discrete GPU	NVIDIA® GeForce® GT730 2GB DDR5 : 1x DVI, 1x D-SUB, 1x HDMI / NVIDIA® GeForce® GT1030 2GB : 1x DVI, 1x HDMI / NVIDIA® GeForce® RTX3060 12GB DDR6 : 3x DP, 1x HDMI / NVIDIA® RTX™ A2000 / NVIDIA® T600 4GB DDR6: 4xmini-DP	NVIDIA® GeForce® GT730 2GB DDR5 : 1x DVI, 1x D-SUB, 1x HDMI / NVIDIA® GeForce® GT1030 2GB : 1x DVI, 1x HDMI / NVIDIA® T600 4GB DDR6: 4xmini-DP
Integrated GPU	Up to Intel® UHD	graphics 750
Memory	4 x DIMM slot, dual channel DDR4 32 4GB/ 8GB/ 16GB I *DIMM module is 3200MHz but clock down due to CPU lim	DDR4 U-DIMM
Expansion slot	1 x PCIe® 4.0/3.0 x16 / 2 x PCIe® 3.0/2.0 x1 / 1 x PCI Express 3.0 x4 with x	16 connector / 2 x M.2 for storage / 1 x M.2 for WiFi / 4 x DIMM slot
Serial ATA	3 Serial ATA	6.0 Gb/s
Storage	1 x 3.5" + 1 x 2.5"* HDD, up to 2TB 7200 rpm (support HDD tool-free design) / 2 x M.2 SSD, up to 1TB PCIe* 3.0 SSD - 1st M.2 support SSD SATA mode& PCIe x4 mode (near-by CPU) - 2nd M.2 support Optane/Intel TG SSD and SATA & PCIex4 mode (near-by card reader) 1TB/ 2TB HDD 3.5" 7200 rpm 128GB/ 25GGB/ 512GB/ 1TB M.2 PCIe* Value SSD S12GB/ 1TB M.2 PCIe* Performance SSD (by request)	1 x 3.5" + 1 x 2.5" HDD, up to 2TB 7200 rpm (support HDD tool-free design) / 2 x M.2 SSD, up to 1TB PCIe <sup>®</sup> 3.0 SSD - 1st M.2 support SSD SATA mode& PCIe x4 mode (near-by CPU) - 2nd M.2 support Optane/Intel TG SSD and SATA & PCIex4 mode (near-by card reader) 1TB/ 2TB HDD 3.5" 7200 rpm 128GB/ 256GB/ 512GB/ 1TB M.2 PCIe <sup>®</sup> Value SSD 512GB/ 1TB M.2 PCIe <sup>®</sup> Performance SSD
Drive bays	1 x 3.5" HDD internal bay / 1 x 2.5" HDD internal bay	
Optical drive	Without optical disc drive (optional) / DVD RW (optional) / DVD ROM (optional)	
Wireless	Without WiFi card (optional) / Dual band 2x2 WiFi 6 (802.11ax) + Bluetooth® 5.0_CNVi (Vpro, optional) / Dual band 2x2 WiFi 6 (802.11ax) + Bluetooth® 5.0_CNVi (Non-Vpro, optional) / Dual band 2x2 WiFi 5 (802.11ac) + Bluetooth® 4.2 (optional)	
Audio	7.1 surround sound high-definition audio / ASU	JS two-way Al Noise-Canceling Technology
Front I/O ports	4 x USB 3.2 Gen 1 Type-A / 2 x USB 3.2 Gen 2 Type-A / 1 x USB 3.2 Gen 2 Type-C / Smart Ca	rd Reader & SD Card Reader (optional) / 1 x 3.5mm combo audio jack / 1 x Headphone
Rear I/O ports	2 x PS/2 keyboard and mouse port / 1 x HDMI 1.4 / 2 x DisplayPort 1.4 / 1 x VGA Port / 1 x LAN (RJ-45) port with LED indicator / 2 x USB 3.2 Gen1 / 2 x USB 2.0 Type-A / 3 x Audio jacks support 7.1 channel audio output / 1 x Parallel port (optional) / 2 x Serial port (optional)	2 x PS/2 keyboard and mouse port / 1 x HDMI 1.4 / 2 x DisplayPort 1.4 go DP 1.2 / 1 x VGA Port / 1 x LAN (RJ-45) port with LED indicator / 2 x USB 3.2 Gen1 / 2 x USB 2.0 Type-A / 3 x Audio jacks support 7.1 channel audio output / 1 x Parallel port (optional) / 2 x Serial port (optional)
Power supply	180W (TFX single output) (80+ Bronze) / 300W (TFX single output) (80+ Platinum) / 500W (ATX single output) (80+ Gold)	180W (TFX single output) (80+ Bronze) / 300W (TFX single output) (80+ Platinum)
Dimension	16.2(W) x 29.1(D) x 35.5(H) cm	9.46(W) × 29.2(D) × 33.9(H) cm
Dimension with carton	23.2(W) × 49.2(D) × 49.0(H) cm	23.2(W) × 49.2(D) × 49.0(H) cm
Weight	6kg	5kg
Included in the box	Power cord, Warranty card, Quick start	guide, Keyboard/Mouse(Optional)
Optional accessories	Serial port cable, Serial port bracket, Parallel port cable, Trusted Platform Module (TPM) 2.0,	Chassis intrusion cable, Audio module, Buzzer cable, Smart card reader + SD card reader
Security	Trusted Platform Module (TPM) 2.0, Buzzer cable (Optional), Kensingtor	lock slot, Pad lock slot, HDD user password protection and security
Feature software	ASUS Control Center, MyASUS, AI Recovery (China only and Taiwan only)	
Energy efficiency compliance	Energy Sta	r, EPEAT

#### SPEC | D7 SERIES



ExpertCenter Mini Tower D7 (D700MC)

	ExpertCenter Tower D7 (D700TC)	ExpertCenter Mini Tower D7 (D700MC)
Operation system	Windows 10 Pro - ASUS recommends Windows 10 Pro for business / Windo	ows 10 Home - ASUS recommends Windows 10 Pro for business / Clean OS
CPU	Intel® Core <sup>™</sup> i7-11700 processor 2.5 GHz (16MB cache, up to 4.9 GHz, 8 cores) / Intel® Core <sup>™</sup> i5-11500 processor 2.7 GHz (12MB cache, up to 4.6 GHz, 6 cores) / Intel® Core <sup>™</sup> i7-10700 processor 2.9 GHz (12MB cache, up to 4.3 GHz, 6 cores) / Intel® Core <sup>™</sup> i7-10700 processor 2.9 GHz (12MB cache, up to 4.3 GHz, 6 cores) / Intel® Core <sup>™</sup> i7-10700 processor 2.9 GHz (12MB cache, up to 4.3 GHz, 6 cores) / Intel® Core <sup>™</sup> i7-10700 processor 3.6 GHz (6 KB cache, up to 4.3 GHz, 6 cores) / Intel® Core <sup>™</sup> i5-10100 processor 3.7 GHz (6 MB cache, up to 4.3 GHz, 6 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.6 GHz (6 KB cache, up to 4.3 GHz, 4 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.7 GHz (6 MB cache, up to 4.4 GHz, 4 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.6 GHz (6 KB cache, up to 4.3 GHz, 4 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.6 GHz (6 KB cache, up to 4.3 GHz, 4 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.6 GHz (6 KB cache, up to 4.3 GHz, 4 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.6 GHz (6 KB cache, up to 4.3 GHz, 4 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.7 GHz (6 KB cache, up to 4.4 GHz, 4 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.6 GHz (6 KB cache, up to 4.3 GHz, 4 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.6 GHz (6 KB cache, up to 4.3 GHz, 4 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.6 GHz (6 KB cache, up to 4.3 GHz, 4 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.6 GHz (6 KB cache, up to 3.5 GHz, 2 cores) / Intel® Core <sup>™</sup> i3-10100 processor 4.2 GHz (4 MB cache, 2 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.5 GHz (4 MB cache, up to 3.5 GHz, 2 cores) / Intel® Core <sup>™</sup> i3-10100 processor 4.2 GHz (4 MB cache, 2 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.5 GHz (4 MB cache, up to 3.5 GHz, 2 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.5 GHz (4 MB cache, up to 3.5 GHz, 2 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.5 GHz (4 MB cache, up to 3.5 GHz, 2 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.5 GHz (4 MB cache, up to 3.5 GHz, 2 cores) / Intel® Core <sup>™</sup> i3-10100 processor 3.5 GHz (4 MB cac	
Chipset	Intel® B560	
Discrete GPU	NVIDIA® GeForce® GT730 2GB DDR5 : 1x DVI, 1x D-SUB, 1x HDMI / NVIDIA® GeForce® GT1030 2GB : 1x DVI, 1x HDMI / NVIDIA® GeForce® RTX3060PH 12GB : 3xDisplatPort , 1x HDMI / NVIDIA® RTX™ A2000	NVIDIA® GeForce® GT730 2GB DDR5 : 1x DVI, 1x D-SUB, 1x HDMI / NVIDIA® GeForce® GT1030 2GB : 1x DVI, 1x HDMI / NVIDIA® GeForce® RTX3060 12GB DDR6 : 3x DP, 1x HDMI / RTX 3050PH / NVIDIA® RTX™ A2000 / NVIDIA® T600 4GB DDR6: 4xmini-DP
Integrated GPU	Up to Intel® UH	D graphics 750
Memory	4 x DIMM slot, dual channel DDR4 3200 MHz ; Up to 128GB 4GB/ 8GB/ 16GB/ 32G8 DDR4 U-DIMM	4 x DIMM slot, dual channel DDR4 2933/2666 MHz, up to 128GB;4GB/8GB/16GB DDR4 U-DIMM *DIMM module is 3200MHz but clock down due to CPU limitation. 2933MHz for i5 above and 2666MHz for below i5.
Expansion slot	1 x PCle® 4.0 x16 / 2 x PCle® 3.0 x1 / 2 x M.2 connector for storage / 1 x M.2 connector for WiFi / 4 x DIMM slot	1 x PCle® 4.0/3.0 x16 / 2 x PCle® 3.0/2.0 x1 / 1 x PCl® / 2 x M.2 for storage / 1 x M.2 for WiFi / 4 x DIMM Slot
Serial ATA	6 x SATA G3 6.0Gb/s ports (M.2 SSD runs at SATA , SATA #2 will be disabled)	3 Serial ATA 6.0 Gb/s
Storage	2 x 3.5"HDD, up to 4TB 7200 rpm 2 x M.2 SSD, up to 2TB PCIe <sup>®</sup> 3.0 SSD -1 x M.2 Socket with M Key, type 2280 storage devices (PCIe4.0 x4 mode only support RKL-S) -1 x M.2 Socket with M Key, type 2280 storage devices (PCIe 3.0 x4 & SATA) 1TB/ 2TB HDD 3.5" 7200 rpm 128/GR / 25GGB / 512GB / 1TB M.2 PCIe <sup>®</sup> Value SSD 256GB/ 512GB / 1TB M.2 PCIe <sup>®</sup> Performance SSD	1 x 3.5" + 1 x 2.5" HDD, up to 3TB 7200 rpm (support HDD tool-free design) 2 x M.2 SSD, up to 2TB PCIe" 3.0 SSD - 1st M.2 support SSD SATA mode, PCIe x4 mode (near-by card reader) - 2nd M.2 support Optane/Intel TG SSD and SATA & PCIex4 mode (near-by CPU) 500GE/ 1TB/ 2TB HDD 3.5" 7200 rpm 128GB/ 256GB/ 1512GB/ 1TB M.2 PCIe* Value SSD 512GB/ TB M.2 PCIe* Performance SSD
Drive bays	2 x 3.5" HDD internal bay	1 x 3.5" HDD internal bay / 1 x 2.5" HDD internal bay
Optical drive	Without optical disc drive (optional) / D	VD RW (optional) / DVD ROM (optional)
Wireless	Without WiFi card (optional) / Dual band 2x2 WiFi 6 (802.11ax) + Bluetooth® 5.0 (optional) / Dual band 2x2 WiFi 5 (802.11ac) + Bluetooth® 4.2 (optional) / Dual band 1x1 WiFi 5 (802.11ac) + Bluetooth® 5.0 (optional)	Without WiFi card (optional) / Dual band 2x2 WiFi 6 (802.11ax) + Bluetooth® 5.0_CNVi (optional) / Dual band 2x2 WiFi 5 (802.11ac) + Bluetooth® 5.0 (optional) / Dual band 1x1 WiFi 5 (802.11ac) + Bluetooth® 5.0 (optional)
Audio	7.1 surround sound high-definition audio / A	SUS two-way Al Noise-Canceling Technology
Front I/O ports	2 x USB 2.0 Type-A / 2 x USB 3.2 Gen 1 Type-A or 1x USB 3.2 Gen 1 +1xType-C / Smart Card Reader & SD Card Reader (optional) / 1 x Headset / 1 x Microphone	2 x USB 2.0 Type-A / 2 x USB 3.2 Gen 1 Type-A / 2 x USB 3.2 Gen 2 Type-A / 1 x USB 3.2 Gen 2 Type-C / Smart Card Reader & SD Card Reader (optional) / 1 x 3.5mm combo audio jack / 1 x Headphone
Rear I/O ports	2 x PS/2 keyboard and mouse port / 2 x DisplayPort / 1 x HDMI 1.4 / 1 x LAN (RJ-45) port with LED indicator / 2 x USB 2.0 Type-A / 4 x USB 3.2 Gen 1 Type-A / 3 x Audio jacks support 7.1 channel	2 x PS/2 keyboard and mouse port / 1 x HDMI 1.4 / 1 x DisplayPort go DP 1.2 / 1 x VGA Port / 1 x LAN (RJ-45) port with LED indicator / 4 x USB 2.0 Type-A / 3 x Audio jacks support 7.1 channel audio output / 1 x Parallel port (optional) / 1 x Serial port (optional)
Power supply	200W (TFX single output) (80+ Bronze) / 300W (TFX single output) / 300W (TFX single output) (80+ Bronze) / 500W (TFX single output) (80+ Bronze) / 700W (TFX single output) (80+ Bronze)	180W (TFX single output) (80+ Bronze) / 300W (TFX single output) (80+ Platinum) / 500W (ATX single output) (80+ Gold)
Dimension	17.66(W) x 36.5(D) x 38.0(H) cm	16.2(W) × 29.1(D) × 35.5(H) cm
Dimension with carton	23.2(W) x 49.2(D) x 46.2(H) cm	23.2(W) × 49.2(D) × 49.0(H) cm
Weight	8.3kg	6kg
Included in the box	Power cord, Warranty card, Quick sta	rt guide, Keyboard/Mouse(Optional)
Optional accessories	Serial port cable, Parallel port cable, Trusted Platform Module (TPM) 2.0, Audio module, Buzzer cable, Smart card reader + SD card reader	Serial port cable, Serial port bracket, Parallel port cable, Trusted Platform Module (TPM) 2.0, Chassis intrusion cable, Audio module, Buzzer cable, Smart card reader + SD card reader, External Antenna
Security	Trusted Platform Module (TPM) 2.0, Buzzer cable (Optional), Kensingto	on lock slot, Pad lock slot, HDD user password protection and security
Feature software	ASUS Control Center, MyASUS, AI Re	covery (China only and Taiwan only)
Energy efficiency compliance		Energy Star, EPEAT

#### SPEC | D5/AiO SERIES



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	ExpertCenter D5 SFF (D500SC)		ASUS V222	
Operation system	Windows 10 Pro - ASUS recommends Windows 10 Pro for business / Windows 10 Home - ASUS recommends Windows 10 Pro for business / Clean OS	Operating system	Windows 10 Pro - ASUS recommends Windows 10 Pro / Windows 10 Home / ENDLESS	
СРИ	Intel® Core™ i5-11500 processor 2.7 GHz (12MB cache, up to 4.6 GHz, 6 cores) Intel® Core™ i5-11400 processor 2.6 GHz (12MB cache, up to 4.4 GHz, 6 cores) Intel® Core™ i5-10000 processor 3.1 GHz (12MB cache, up to 4.5 GHz, 6 cores) Intel® Core™ i5-104000 processor 2.9 GHz (12MB cache, up to 4.3 GHz, 6 cores) Intel® Core™ i5-104000 processor 2.6 GHz (6MB cache, up to 4.3 GHz, 6 cores) Intel® Core™ i5-104000 processor 2.6 GHz (6MB cache, up to 4.3 GHz, 4 cores)	CPU	Intel® Core™ i7 10510U processor (8 MB cache, up to 4.9 GHz, 4 cores) Intel® Core™ i5 10210U processor (6 MB cache, up to 4.2 GHz, 4 cores) Intel® Core™ i3 10110U processor (4 MB cache, up to 2.4 GHz, 4 cores) Intel® Pentium® J5005 processor (4 MB cache, up to 2.8 GHz, 4 cores) Intel® Celeron™ J4005 processor (4 MB cache, up to 2.7 GHz, 2 cores)	
	Intel® Core® 13-10105 processor 3.7 GHz (6MB cache, up to 4.4 GHz, 4 cores) Intel® Pentium®® Gold G6505 processor 4.2 GHz (4MB cache, 2 cores) Intel® Pentium®® Gold G6405 processor 4.1 GHz (4MB cache, 2 cores)	Chipset	Intergrated	
	Intel® Celeron® G5905 processor 3.5 GHz (4MB cache, up to 3.5 GHz, 2 cores)	GPU	Integrated Intel® graphics	
Chipset		Memory	2 x SO-DIMM, up to 16 GB DDR4 2666 MHz 4 GB/8 GB DDR4 2400/2666 MHz	
Discrete GPU	NVIDIA® GeForce® GT730 2GB DDR5 : 1x DVI, 1x D-SUB, 1x HDMI / NVIDIA® GeForce® GT1030 2GB : 1x DVI, 1x HDM		1 x 2.5"" HDD, up to 1 TB, 7200 rpm	
Integrated GPU	Up to Intel® UHD graphics 750	Storage	1 x M.2 SSD, up to 512 GB PCle® 3.0 SSD 500 GB/1 TB SATA HDD, 5400/7200 rpm	
Memory	$2\mathrm{x}\mathrm{DIMM}$ slot, dual channel DDR4 2933 MHz $;$ Up to 64GB $;$ 4GB/ 8GB/ 16GB DDR4 U-DIMM		128 GB/256 GB/512 GB M.2 PCIe* 3.0 SSD 128 GB/256 GB M.2 SATA SSD	
Expansion slot	1 x PCIe® 3.0 x16 / 1 x PCIe® 3.0 x1 / 1 x M.2 connector for storage / 1 x M.2 connector for WiFi / 2 x DIMM slot	Display	21.5" FHD (1920x1080), IPS, 16:9, wide view, anti-glare, 250 nits, 87% screen-to-body ratio, 100 % sRGB, 72% NTSC	
Serial ATA	2 Serial ATA 6.0 Gb/s	Optical drive	Optional external optical drive	
Storage	1 x 3.5"HDD, up to 2TB 7200 rpm ; 1 x M.2 SSD, up to 1TB PCle* 3.0 SSD - 1st M.2 support SSD SATA mode& PCle x4 mode (near-by CPU) 500GB/ 1TB/ 2TB HDD 3.5" 7200 rpm ; 128GB/ 25GB/ 512GB/ V1TB M.2 PCle* Performance SSD	2nd rear display	Not available	
Drive bays	1 x 3.5" HDD internal bay	Side I/O ports	1 x 3.5 mm combo audio jack / 1 x USB 2.0 Type-A / 1 x Kensington lock	
Optical drive	Without optical disc drive (optional) / DVD RW (optional) / DVD ROM (optional)	Rear I/O ports	1 x HDMI-out / 1 x RJ45 Gigabit Ethernet / 1 x DC-in / 4 x USB 3.2 Gen 1 Type-A	
Wireless	Without WiFi card (optional) / Dual band 2x2 WiFi 5 (802.11ac) + Bluetooth® 5.0 (optional) / Dual band 1x1 WiFi 5 (802.11ac) + Bluetooth® 5.0 (optional)	Video camera	1.0 MP camera with 720 P HD video	
Audio	7.1 surround sound high-definition audio / ASUS two-way Al Noise-Canceling Technology	Wireless	Dual-band 1x1 WiFi 5 (802.11ac) + Bluetooth® 5.0 Single-band 1x1 WiFi 4 (802.11bgn) + Bluetooth® 4.0	
Front I/O ports	2 x USB 3.2 Gen 2 Type-A / 2 x USB 3.2 Gen 1 Type-A / SD Card Reader (optional) / 1 x 3.5mm combo audio jack / 1 x Headphone	Audio	2 x speaker / 2 x multi-array microphone / ASUS SonicMaster support	
Rear I/O ports	2 x PS/2 keyboard and mouse port / 1 x HDMI 1.4 / 1 x VGA Port / 1 x Serial port (on board) / 1 x LAN (RJ-45) port with LED indicator / 2 x USB 3.2 Gen 1 Type-A / 2 x USB 2.0 Type-A / 3 x Audio jacks support 7.1 channel audio output / 1 x Parallel port (optional) / 1 x Serial port (optional)	Dimensions (W x H x D) / Weight	48.9 x 38.7 x 5.1 ~ 16.4 cm / 4.8 kg	
Power supply	180W (TFX single output ; 80+ Bronze) / 300W (TFX single output ; 80+ Platinum)	Security	BIOS booting user password protection, Kensington lock slot, Trusted Platform Module (TPM) 2.0	
Dimension	9.46(W) x 31.945(D) x 32.06(H) cm	Keyboard	Full-size wireless keyboard with 2.5 mm key travel (optional)	
Dimension with carton	22.2(W) × 41.2(D) × 50.0(H) cm	Feature software	MyASUS, McAfee	
Weight	5kg	AC adapter	ø5.5, 90W AC Adapter, Output: 19V DC, 4.74A, 90W, Input: 100~240V AC 50/60Hz universal	
Included in the box	Power cord, Warranty card, Quick start guide, Keyboard/Mouse(Optional)	Energy efficiency compliance	Energy star	
Optional accessories	Serial port cable, Parallel port cable, Trusted Platform Module (TPM) 2.0, Audio module, SD card reader (on board), Buzzer cable	Accessories	Keyboard + mouse (optional), optical drives (optional)	
Security	Trusted Platform Module (TPM) 2.0, Buzzer cable (Optional), Kensington lock slot, Pad lock slot, HDD user password protection and security			
Feature software	ASUS Control Center, MyASUS, AI Recovery (China only and Taiwan only)			

Energy Star, EPEAT

Energy efficiency compli-ance

All specifications may change without notice. Product specifications may differ from country to country. Products may not be available in all markets. Please check with your local supplier for exact offers.



#### ASUS BR1100F

Operating system	Windows 10 Pro (ASUS recommends Windows 10 Pro for business) Windows 10 Home
CPU	Intel® Celeron® N4500 processor 1.1 GHz (4MB cache, up to 2.8 GHz, 2 cores) Intel® Celeron® N5100 processor 1.1 GHz (4MB cache, up to 2.8 GHz, 4 cores) Intel® Pentium®® Silver N6000 processor 1.1 GHz (4MB cache, up to 3.3 GHz, 4 cores)
GPU	Intel® UHD Graphics
Memory	Up to 16 GB DDR4 2400 MHz Onboard: 8 GB/16 GB DDR4 2400 MHz
Storage	1 x eMMC, up to 128 GB 1 x M.2 SSD, up to 1 TB PCIe <sup>®</sup> SSD 128 GB/256 GB/512 GB M.2 PCIe <sup>®</sup> 3.0 SSD 1TB M.2 PCIe <sup>®</sup> 3.0 Performance SSD
Display	1 x M.2 SSD, up to 512 GB PCIe® 3.0 SSD 128 GB/256 GB/512 GB M.2 PCIe® 3.0 Value SSD
Stylus	MPP garaged stylus (optional)
I/O ports	1x 3.5mm combo audio jack / 1x HDMI 1.4 / 1x RJ45 Gigabit Ethernet / 1x USB 2.0 Type-A / 1x USB 3.2 Gen 1 Type-A / 1x USB 3.2 Gen 2 Type-C support power delivery / Micro SD card reader (Optional)
Video camera	720p HD user-facing camera ; 13.0 MP world-facing camera
Wireless	Dual-band 2x2 WiFi 6(802.11ax)+Bluetooth® 5.0 (Optional) Dual-band 2x2 WiFi 5(802.11ac)+Bluetooth® 5.0 (Optional) 4G LTE support (Optional)
Audio	2 x speaker Array microphone Al noise-canceling tehcnology Cortana voice-recognition support
Weight	1.40 kg (3.09 pounds) with 42 W battery
Dimensions	29.46(W) x 20.49(D) x 1.99(H) cm
Battery	42Wh, 3S1P, 3-cell, Li-Polymer
Security	TPM 2.0 (Optional), Webcam Shield, Kensington lock slot
Keyboard and touchpad	Full-size with 1.35 mm key travel, spill-resistant to 330cc* *Quantity used during testing, with duration of 3 minutes
NumberPad	Not available
Featured software	ASUS Control Center / ASUS Business Manager / MyASUS
AC adapter	TYPE-C, 45W AC Adapter, Output: 15V DC, 3A, 45W, Input: 100~240V AC 50/60Hz universal ø4.0, 45W AC Adapter, Output: 19V DC, 2.37A, 45W, Input: 100~240V AC 50/60Hz universal
Energy efficiency compliance	Energy star EPEAT Gold



ASUS Zen AiO 24 (A5401)

Operating system	Windows 10 Pro (ASUS recommends Windows 10 Pro)	
CPU	Intel® Core™ i7-11700B processor 3.2 GHz (24 MB cache, up to 4.8 GHz, 8 cores) Intel® Core™ i5-11500B processor 3.3 GHz (12 MB cache, up to 4.6 GHz, 6 cores) Intel® Core™ i3-11100B processor 3.6 GHz (12 MB cache, up to 4.4 GHz, 4 cores)	Intel® Core™ i3-10100T Processor 3.0 GHz (6M Cache, up to 3.8 GHz, 4 cores) Intel® Core™ i5-10500T Processor 2.3 GHz (12M Cache, up to 3.8 GHz, 6 cores) Intel® Core™ i7-10700T Processor 2.0 GHz (16M Cache, up to 4.4 GHz, 8 cores) Intel® Celeron® Processor G5905T 3.3 GHz (4M Cache, 3.3 GHz, 2 cores)
Chipset	Intel® HM570	Intel® H470 Chipset
GPU	Intel <sup>®</sup> UHD graphics	Up to NVIDIA® GeForce® MX330 graphics
Memory	2 x SO-DIMM, up to 32 GB DDR4 3200 MHz 4GB/ 8GB/ 16GB DDR4	2 x SO-DIMM, up to 32 GB DDR4 2666 MHz 4GB/ 8GB/ 16GB DDR4
Storage	1 x 2.5"" HDD, up to 2 TB, 5400 rpm 2 x M.2 SSD, up to 1 TB PCIe® 3.0 SSD 1 TB/2 TB SATA HDD, 5400 rpm 128 GB/256 GB/512 GB/1 TB M.2 PCIe® 3.0 SSD	1 x 2.5"" HDD, up to 1 TB, 7200 rpm 1 x M.2 SSD, up to 1 TB PCIe® 3.0 SSD 1 TB SATA HDD, 5400/7200 rpm 128 GB/256 GB/512 GB M.2 PCIe® 3.0 SSD
Display	23.8" optional multitouch FHD (1920 x 1080), IPS, 16:9, wide view, anti-glare, 250 nits, 72% NTSC	23.8" optional multitouch FHD (1920 x 1080), IPS, 16:9, wide view, anti-glare, 250 nits, 93% screen-to-body ratio, 100% sRGB, 72% NTSC
Optical drive	Optional DVD writer 8X	Optional external optical drive
2nd rear display	5.65 " multitouch FHD display (optional)	Not available
Side I/O ports	1 x headphone out / 1 x 3-in-1 card reader SD / MMC / MS / 1 x USB 3.2 Gen 2 Type-C / 1 x USB 3.2 Gen 1 Type-A / 1 x Thunderbolt™ 4 (supports 4K display, USB PD 3.0)	1 x USB3.2 Gen1 type A / 1 x USB3.2 Gen1 Type C / 1 x audio Combo Jack / Power button
Rear I/O ports	1 x Serial port / 1 x Kensington lock / 1 x DC-in / 1 x RJ45 Gigabit Ethernet / 1 x HDMI 2.0a / 1 x DisplayPort 1.4 / 2 x USB 3.2 Gen 1 Type-A / 2 x USB 2.0 Type-A	1 x USB 3.2 Gen1 type A / 2 x USB 2.0 type A / 1 x HDMI-in (optional) / 1 x HDMI-out 1.4 / 1 x RJ45 LAN / 1 x Kensington lock allocate on Stand base / 1 x Power Input
Video camera	1.0 MP camera, Webcam Shield 1.0 MP camera with Windows Hello, Webcam Shield 12 MP camera, Webcam Shield	720p HD camera with Windows Hello, Webcam Shield
Wireless	Dual band 2x2 WiFi 6E (802.11ax) + Bluetooth* 5.2 (optional) Dual band 2x2 WiFi 6 (802.11ax) + Bluetooth* 5.2 (optional) Dual band 2x2 WiFi 5 (802.11ac) + Bluetooth* 5.2 (optional)	Wi-Fi 5 (802.11ac) + Bluetooth® 4.2 (Dual band) 2x2 Wi-Fi 6 (802.11ax) + Bluetooth® 5.0 (Dual band) 2x2
Audio	2 x speaker / 2 x multi-array microphone / ASUS two-way AI Noise-Canceling technology	2 x speaker / 2 x multi-array microphone / ASUS two-way Al Noise-Canceling technology / Cortana voice-recognition support / ASUS SonicMaster Premium support / DTS Audio Processing support
Dimensions (W x H x D) / Weight	Without multitouch, basic monitor stand: 541 x 201 x 439.4 mm Without multitouch, height-adjustable stand: 541 x 289 x 484 mm With multitouch, basic monitor stand: 541 x 201 x 439.4 mm With multitouch, height adjustable stand: 541 x 289 x 484 mm	54.1 x 45.3 x 0.7 ~ 20.2 cm / 7 kg
Security	HDD user password protection and security, Kensington lock slot, Webcam Shield, Trusted Platform Module (TPM) 2.0	Kensington lock slot, Webcam Shield, Trusted Platform Module (TPM) 2.0
Keyboard	Full-size keyboard with 2.5 mm key travel	Full-size wireless keyboard with 2.5 mm key travel (optional)
Feature software	ASUS Control Center, ASUS U	EFI BIOS, MyASUS, McAfee, ASUS Business Manger
AC adapter	ø4.5, 150 W AC adapter; Output: 20 V	/ DC, 7.5 A, 150 W; Input: 100~240 V AC 50/60Hz universal
Energy efficiency compliance	Energy Star <sup>®</sup> 8.0, EPEAT™ Silver	
Accessories	Keyboard + mouse (optional), height-adjustable stand (optional)	Keyboard + mouse (optional)



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All specifications may change without notice. Product specifications may differ from country to country. Products may not be available in all markets. Please check with your local supplier for exact offers.

			SPEC   Aic
and the set	23.8″	23.8"	15.6"
	ASUS V241EA	ASUS M241	ASUS V161GA
Operating system	Win	dows 10 Pro - ASUS recommends Windows 10 Pro / Windows 10 Home / Endles	s OS
CPU	Intel® Core™ i3-1115G4 Processor Intel® Core™ i5-1135G7 Processor Intel® Core™ i7-1165G7 Processor Intel® Pentium®® Gold 7505 Processor	AMD Ryzen™ 7 3700U processor (Up to 4.0GHz Max Boost) AMD Ryzen™ 5 3500U processor (Up to 3.7GHz Max Boost) AMD Ryzen™ 3 3250U processor (Up to 3.5GHz Max Boost) AMD Athlon™ Gold 3150U processor (Up to 3.3GHz Max Boost) AMD Athlon™ Silver 3050U processor (Up to 3.2GHz Max Boost)	Intel® Pentium®® Silver N5000 Processor Intel® Celeron™ N4000 Processor Intel® Celeron™ N4100 Processor
Chipset		Intergrated	
GPU	NVIDIA® GeForce® MX330 Integrated Intel® UHD Graphics Intel® Iris® X® Graphics	AMD Radeon™ VEGA Graphics	Integrated Intel® Graphics
Memory	2 x SO-DIMM, up to 32 4GB/ 8GB/ 1		1 x SO-DIMM, up to 8 GB DDR4 2400 MHz 4GB/ 8GB DDR4
Storage	1 x 2.5" SATA HDD 5400 / 7200 rpm up to 1 TB 1 x M.2 PCIE SSD up to 512 GB 2.5"" 1TB SATA hard drive (5400 / 7200 rpm) 128 GB / 256 GB / 512 GB M.2 PCIE SSD	1 x 2.5"" SATA HDD 5400 rpm, up to 1TB 1 x M.2 PCIE SSD up to 512 GB 2.5"" 1TB SATA hard drive (5400 rpm) 512GB / 256GB / 128GB M.2 NVMe™ PCIe® 3.0 SSD	1 x 2.5 SATA HDD 5400rpm, up to 500GB 128GB / 256GB 2.5' SATA SSD
Display	23.8" FHD (1920x1080), 250/200 nits, LED-backlit, anti-glare, Wide View, Touch/ Non-touch, sRGB 100 % (NTSC: 72%)	23.8" LED-backlit 1920x1080 FHD	15.6" HD (1366x768), 200 nits, sRGB 62.5 % (NTSC: 45%), LED-backlit, Anti-Glare, Wide View, Touch
Optical drive	Not available		
2nd rear display		Not available	
Side I/O ports	1 x Microphone   / Headphone combo jack /  1x USB 2.0 type-A	1x Kensington lock / 1x 3.5mm combo audio jack / 1x USB 2.0 type-A	1x 6-in-1 carder reader / 1x Headphone / 1x Kensington lock slot / 1x Microphone / 2x USB 3.1 Gen 1 type-A
Rear I/O ports	1x HDMI in / 1x HDMI out / 1x Kensington lock slot / 1x LAN / 1x Power Input / 4x USB 3.1 Gen 1 type-A	1x DC-in / 1x RJ45 Gigabit Ethernet / 1x HDMI in 1.4 / 1x HDMI out 1.4 / 4x USB 3.2 Gen 1 Type-A	1x HDMI out / 1x LAN / 1x Power Input / 1x VGA-out / 2x COM port / 2x USB 3.1 Gen 1
Video camera	HD 720p	camera	1.0 MP camera with HD video
Wireless	Dual band 1x1 WiFi 5 (802,11ac)+Bluetooth® 5.0 Single band 1x1 Gigabit WiFi / WiFi 4 (802,11bgn)+ Bluetooth® 4.0	Dual-band 2x2 WiFi 5 (802.11ac) + Bluetooth® 4.2 (optional) Dual-band 1x1 WiFi 5 (802.11ac) + Bluetooth® 5.0 (optional)	Dual band 2x2 WiFi 5 (802.11ac)+Bluetooth® 5.0 Dual band 1x1 Gigabit WiFi/ WiFi 5 (802.11ac)+Bluetooth® 4.1 Single band 1x1 Gigabit WiFi / WiFi 4 (802.11bgn)+ Bluetooth® 4.0
Audio	Built-in mic Built-in stereo 2 x 3V		Built-in microphone Built-in stereo 2 x 1.5W Speaker
Dimensions (W x H x D) / Weight	54.06 x 40.92 x 4.79 cm / 5.40 kg	54.0 x 40.9 x 4.8 ~ 16.5 cm / 5.1 kg	37.8 x 24.7 x 2.9 ~ 10.5 cm / 2 kg
Security	BIOS booting user password protection, Kensington lock slot, Trusted Platform Module (TPM) 2.0	BIOS booting user password protection, Kensington lock slot	
Keyboard		Full-size keyboard with 2.5 mm key travel (optional)	
Feature software	ASUS Control Center, ASUS UEFI BIOS, My	yASUS, McAfee, ASUS Business Manger	
AC adapter	ø5.5,90W AC Adapter Output: 19V DC, 4.74A, 90W, Input: 100~240V AC 50/60Hz universal	ø5.5, 90W AC Adapter Output: 19V DC, 4.74A, 90W, Input: 100~240V AC 50/60Hz universal	45W AC Adapter; Output: 19V DC, 2.37A, 45W; Input: 100~240V AV, 50/60Hz universal
Energy efficiency compliance			
Accessories		Keyboard + mouse (optional)	

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