ASUS®

Trusted Business Solutions

Business Motherboard
Product Portfolio

CSM Motherboards
Pro Business Motherboards
Pro Workstation Motherboards

WORLD'S NO.1

MOTHERBOARD BRAND FOR OVER 10 YEARS

ASUS has sold more than **600** million motherboards over the past decade, winning thousands of awards along the way. Whether you're crafting a build for work or for gaming, a diverse selection of models and innovative features makes it easy to find the perfect motherboard. Build your next rig with ASUS — the world's best-selling motherboard brand.

2023 Motherboard Segmentation

Consumers   Commercial

ROG
Overclcokers & Extreme Gamers

ROG Strix
Style-conscious gamers

Casual Gamers &
1st time Builders

Workstation
Professionals & Prosumers

Commercial & SMB

REPUBLIC OF GAMERS

Pro

ProArt

TUF GAMING

PRIME

Up to 36-month Stable Supply
ASUS CORPORATE STABLE

All-round Builders

PRIME
Z790 SERIES

ASUS Prime series motherboards are expertly engineered to unleash the full potential of 13th Gen Intel® Core™ Processors. Boasting a robust power design, comprehensive cooling solutions and intelligent tuning options, Prime Z790 motherboards provide users and PC DIY builders with a range of performance optimizations via intuitive software and firmware features.

Heatsinks

① VRM Heatsinks and Thermal Pads

The extensive surface area of the massive heatsinks cover the VRMs and chokes to improve heat dissipation. Together with specially engineered thermal pads, they improve heat transfer from the MOSFETs and chokes for better cooling performance.

② M.2 Heatsink

The flexible M.2 heatsink with removable captive screws can take care of the M.2_1 or M.2_3 slot, warding off throttling that can occur with M.2 storage during sustained transfers.

Connectivity

WiFi 6E

Onboard WiFi 6E technology takes advantage of the newly available radio spectrum in the 6 GHz band. It provides up to three times the bandwidth of the 5 GHz band and up to seven 160 MHz bands to deliver ultrafast wireless networking speeds and improved capacity as well as better performance in dense wireless environments.

USB 3.2 Gen 2x2 Type-C®

A batch of USB ports support high-end rigs loaded with peripherals, including a rear Type-C connector with ultrafast USB 3.2 Gen 2x2 for transmission speeds of up to 20 Gbps.

ProArt Z790-CREATOR WIFI

The ProArt Z790-Creator WiFi empowers creators of all levels by maximizing the performance of 13th & 12th Gen Intel® Core™ processors with 16+1 teamed power stages, DDR5 and PCIe 5.0 and lightning-fast connectivity.

It manifests a professional, elegant and precise vision for content creators of all kinds with a style elevated by tone-on-tone layers of black infused with metallic gold touches.

① Thunderbolt™ 4 ports (USB4® compliant)

Each Thunderbolt 4 port delivers up to 40 Gbps of bidirectional bandwidth for the latest high-speed devices and drives. Thunderbolt 4 also supports one 8K or two 4K color-accurate monitors and extends PCIe® bandwidth to up to 32 Gbps.

② 10 Gb & 2.5 Gb Ethernet

Dual Ethernet ports provide fast data transfers simultaneously for 2.5 Gb internet streaming or uploading and 10 Gb for local network-attached storage (NAS), allowing for improved data organization and security.

③ WiFi 6E

Onboard WiFi 6E technology takes advantage of the newly available radio spectrum in the 6 GHz band, providing up to three times the bandwidth of the 5 GHz band and up to seven 160 MHz bands to deliver ultrafast networking speeds.

④ USB 3.2 Gen 2x2 Type-C® Front-Panel Connector with Quick Charge 4+

USB 3.2 Gen 2x2 boosts Type-C data transfers with speeds of up to 20 Gbps. The port also features Quick Charge 4+ technology that can quickly charge devices up to 60 W with a PCIe power supply cable plugged into the nearby 6-pin connector.

⑤ 4 x PCIe 4.0 M.2 Slots

Support up to 22110 and provide NVMe® SSD RAID support for an incredible performance boost. Create a RAID configuration with up to two PCIe 4.0 storage devices to enjoy the fastest data transfer speeds.

⑥ PCIe Slot Q-Release

A physical button unlocks the first PCIe slot's security latch with one tap, greatly simplifying the process of detaching a PCIe card from the motherboard when it's time to upgrade to a new GPU or other compatible device.

ProArt B760-CREATOR

· Socket LGA 1700 for 13th & 12th Gen Intel® Core™, Pentium® Gold and Celeron® processors
· DDR5 support
· One PCIe 5.0 x16 slot (x16)
  One PCIe 4.0 x16 slot (Max. x4)
  One PCIe 3.0 x1 slot
· Two PCIe 4.0 and one PCIe 3.0 M.2 slots
· 2.5 Gb & 1 Gb Ethernet
· USB 3.2 Gen 2x2 Type-C® front-panel connector with Quick Charge 4+

ProArt B760-CREATOR D4

· Socket LGA 1700 for 13th & 12th Gen Intel® Core™, Pentium® Gold and Celeron® processors
· DDR4 support
· One PCIe 5.0 x16 slot (x16)
  One PCIe 4.0 x16 slot (Max. x4)
  One PCIe 3.0 x1 slot
· Two PCIe 4.0 and one PCIe 3.0 M.2 slots
· 2.5 Gb & 1 Gb Ethernet
· USB 3.2 Gen 2x2 Type-C® front-panel connector

Free 3 Months of Adobe Creative Cloud

POWERFUL .
PRODUCTIVE . PROVEN

W790 Workstation Series

The Pro WS W790 series workstatio motherboard is deftly tailored for creative professionals, developers and engineers, unleashing the dominate performance of the latest Intel Xeon processors, with CPU and memory overclocking capability. Featuring an optimized memory trace layout, advanced power stage design, server-grade IPMI remote management, and ultrafast PCIe 5.0 and networking connectivity, Pro WS W790 series melds no-compromise engineering with incredible aesthetics.

Multi-GPU support

Pro WS W790E-SAGE SE features seven PCIe® 5.0 x16 slots for high-powered graphics cards, enabling enhanced performance for professional design, modeling and simulation, and rendering applications.

14+1+1 Power stages

Pro WS W790E-SAGE SE's VRM is comprised of 14+1+1 power stages, and delivers the power and efficiency that the latest Intel processors demand.

Reliability with supreme memory overclocking

The Pro WS W790E-SAGE SE supports 8-channel 1DPC DDR5 RDIMM ECC memory for system stability. Being infused with deliberate memory trace layout, this motherboard enables DDR5 memory overclocking with maxed-out speeds to provide better memory performance for a diverse range of workloads.

More storage

To connect even more high-speed storage, onboard SlimSAS slots let you connect industrial SSDs — not to mention server and networking equipment — through the fast PCIe 4.0 interface.

Pro WS W790E-SAGE SE

· Intel® LGA 4677 socket: Ready for Intel Xeon® W-3400 & W-2400 CPUs
· CPU and memory overclocking: Supports ECC R-DIMM DDR5 memory (1DPC)
· Server-grade IPMI remote management: Hardware and software-level with a dedicated LAN port link to AST2600 BMC
· Robust power and thermal design: 14+1+1 power stages, 8-pin and 6-pin PCIe power connectors

Pro WS W790-ACE

· Intel® LGA 4677 socket: Ready for Intel Xeon® W-3400 & W-2400 CPUs
· CPU and memory overclocking: Supports ECC R-DIMM DDR5 memory (2DPC)
· Server-grade IPMI remote management: Hardware and software-level with ASUS IPMI expansion card support
· Trusted stability: Highly compatible with the latest technologies with solid QVL list

PRIME
X670E-PRO WIFI

ASUS Prime series motherboards are expertly engineered to unleash the full potential of the latest AMD Ryzen 7000-series processors. Boasting a robust power design, comprehensive cooling solutions and intelligent tuning options, PRIME X670E-PRO WIFI provides users and PC DIY builders with a range of performance optimizations via intuitive software and firmware features.

The ASUS PRIME X670E-PRO WIFI offers this all in a sleek, futuristic-looking package centered around a spaceship design aesthetic, with a silver-toned nameplate and chipset cover.

Heatsinks
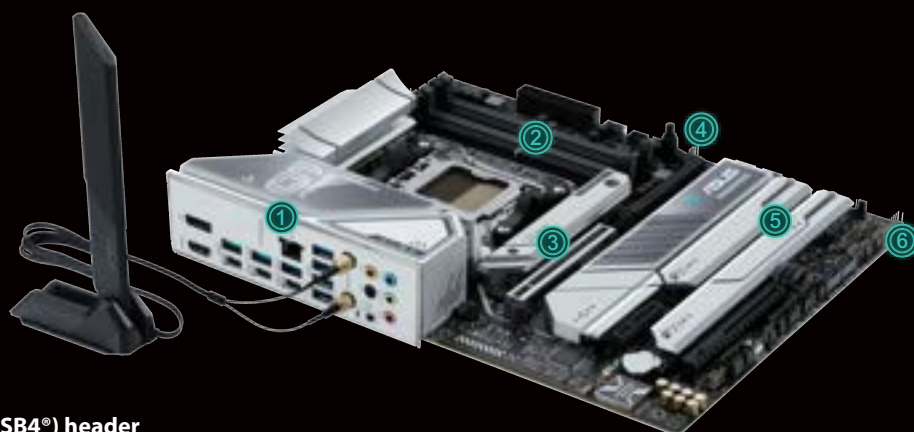
① VRM Heatsink and Thermal Pads

The two VRM heatsinks on PRIME X670E-PRO WIFI are significantly larger than those found on earlier X570 motherboards. Together with the thermal pads, they improve heat transfer from the MOSFETs and chokes for better cooling performance.

② M.2 Heatsink

Three M.2 heatsinks cover four M.2 slots, warding off throttling that can occur with M.2 storage during sustained transfers.

Connectivity

① **WiFi 6E & 2.5 Gb Ethernet**

② **DDR5 support with ASUS Enhanced Mmory Profile (AEMP)**

③ **Gen 5 slots for graphics card and storage**

④ **PCIe® Slot Q-Release**

⑤ **M.2 Q-Latch**

⑥ **USB4® support via a Thunderbolt™ (USB4®) header**

ProArt X670E-CREATOR WIFI

The ProArt X670E-Creator WiFi empowers creators of all levels by maximizing the performance of the latest AMD Ryzen™ 7000 Series processors with 16+2 team power stages, DDR5 and PCIe 5.0 and lightning-fast connectivity.

It manifests a professional, elegant and precise vision for content creators of all kinds with a style elevated by tone-on-tone layers of black infused with metallic gold touches.

GOOD DESIGN AWARD 2022

reddot winner 2023

1 Dual USB4 Type-C® ports

Get immersed in your creations with two USB4® ports connect to all your content creation gadgets and enable up to 40 Gbps bi-directional data transfers. To further push your creative work with one 8K or two 4K color-accurate monitors, you can connect your discrete graphics card to the onboard DisplayPort-in port at the back I/O and direct the video output via the USB4® port.

2 10 Gb & 2.5 Gb Ethernet

Dual Ethernet ports provide fast data transfers simultaneously for 2.5 Gb internet streaming or uploading and 10 Gb for local network-attached storage (NAS), allowing for improved data organization and security

3 WiFi 6E

Onboard WiFi 6E technology takes advantage of the newly available radio spectrum in the 6 GHz band, providing up to three times the bandwidth of the 5 GHz band and up to seven 160 MHz bands to deliver ultrafast networking speeds.

4 USB 3.2 Gen 2x2 Type-C® Front-Panel Connector with Quick Charge 4+

USB 3.2 Gen 2x2 boosts Type-C data transfers with speeds of up to 20 Gbps. The port also features Quick Charge 4+ technology that can quickly charge devices up to 60 W with a PCIe power supply cable plugged into the nearby 6-pin connector.

5 Two PCIe® 5.0 and two PCIe 4.0 M.2 slots

The ProArt X670E-Creator WiFi features four onboard M.2 slots, two of which are PCIe 5.0-ready to offer blistering 16 GB/s speed, while the remaining pair can still deliver massive 8 GB/s transfers through their PCIe 4.0 interfaces.

6 PCIe Slot Q-Release

A physical button unlocks the first PCIe slot's security latch with one tap, greatly simplifying the process of detaching a PCIe card from the motherboard when it's time to upgrade to a new GPU or other compatible device.

ProArt B650-CREATOR

· Ready for AMD Ryzen™ 7000 Series desktop processors
· DDR5 support
· Two PCIe 4.0 x16 slots (x16 single or x8/x8 dual)
  One PCIe 4.0 x 4 slot (Max. x4)
  One PCIe 4.0 x1 slot
· 2.5 Gb & 1 Gb Ethernet
· USB-C DisplayPort™ (DP Alt Mode)
· One PCIe® 5.0 and two PCIe 4.0 M.2 slot
· USB 3.2 Gen 2x2 Type-C® Front-Panel connector with 60W Quick Charge 4+

Free 3 Months of Adobe Creative Cloud

Pro
700 SERIES

ASUS Pro business motherboards provide enhanced features to smooth your IT operations, including comprehensive system protection, 24/7 stability and reliability and an improved management suite for easier customization. Known as the world's biggest and best-known motherboard brand, ASUS provides world-class after-sales service and guaranteed long-term availability to maximize your investment over the product life cycle and offers a high-quality, TCO-optimized solution for your business computing-needs.

ASUS Shield

Enhances system security from bottom to top

ASUS Self-recovering BIOS

ASUS-exclusive BIOS protection technology automatically recovers the system BIOS with a verified backup in the event of an update failure, preventing the need to replace or reinstall hardware.

Certified NIST SP 800-147

ASUS business motherboard is certified by the national computer security standards.

Trusted Platform Module (TPM)

Hardware-based security offers better data protection, enhances network security, protects digital identities and ensures platform integrity.

ASUS Secure Boot

ASUS business motherboard is set to check the firmware and signature of each piece of boot software.

ASUS Reliant

Ensures consistent performance with the finest components and rigorous reliability testing

Anti-moisture Coating

Protection against moisture and corrosion

An innovative moisture-resistant coating protects the motherboard in humid environments, such as factories, libraries, data centers and internet cafes. It also minimizes internal corrosion by preventing adhesion and migration of moisture, prolonging the life of the motherboard.

Anti-sulfur Resistors

Consider long-term reliability of commercial product, ASUS Business motherboard is equipped with anti-sulfur resistors. The resistors provide excellent resistance to sulfuration by constructed in a high grade ceramic body (aluminum oxide). With anti-sulfur resistors, ASUS Business motherboard can be operated under the harsh environments.

ASUS Corporate Stable Model

The ASUS Corporate Stable Model (CSM) program is designed to provide stable motherboards to businesses everywhere. In the 16 years that the motherboard CSM program has been operating in the United States and Canada, thousands of customers and solution providers have become part of the ASUS CSM partner network — making it the most established commercial-motherboard program currently available, with CSM boards deployed across many vertical markets. Now, we're building on that success and offering the CSM program to businesses around the world!

Each purchase of a Corporate Stable Model product includes the **ASUS Control Center Express** IT-management software suite (a $60 value)

ASUS
Control
Center
Express

**ASUS Control
Center Express**

36

**Up to 36-month
Supply**

**EOL Notice &
ECN Control**

ASUS Control Center Express

ASUS Control Center Express is a IT monitoring and management software to provide high visibility and the best IT-management experiences with comprehensive control through a very friendly user interface.

Up to 36-month Supply

ASUS offers a supply guarantee of up to 36 months by request*. A supply guarantee may be available with a confirmed purchase order (PO) and minimum order quantity (MOQ).

* Lifecycle support for consumer chipsets is set at 15 months. Program offerings may vary by region. Please consult your local sales representative for more information.

EOL Notice & ECN Control

ASUS issues an Engineering Change Notice (ECN) before product revisions, an end-of-life (EOL) notice six months before a product's EOL, and a Last Buy Order (LBO) notice three months prior to EOL — allowing lead time for your organization to ready itself for product transition.

Benefits

Advantages	Features	CSM Series
Server management	ASUS Control Center Express	✓
Stable supply	Stable Roadmap	✓
	Product Lifecycle	Up to 36 months *Starting from product launch date
	EOL Notice	6 months
	ECN Control	✓
Multiple packaging options	Standard Retail Packaging	✓
	Bulk Packaging	✓
Other support	Comprehensive Product Line-up	✓
	Commercial Features (PCI, COM header, LPT header, TPM)	✓ *Varies by model
	Windows 10 and Pre-WHQL Ready	✓

Comprehensive Product Line-up

ASUS offers motherboard solutions for all major chipsets and our motherboards are available in a wide range of form factors, with comprehensive compatibility validations and certifications. Features include Intel vPro™ hardware security technology, PCI Express® slots, COM headers, LPT headers and Trusted Platform Model (TPM) chips. Whether your target market is small and medium businesses (SMBs) or government or commercial organizations, ASUS has a motherboard solution to suit any demand.

* Specifications and features may vary by region

IT management integration with leading motherboard brand

Known as the world's biggest and best-known motherboard brand, ASUS provides commercial program and motherboards to support the needs for SMB and Enterprise environments. The motherboards are packed with ASUS Control Center Express to fully integrated the hardware design to maximize your investment over the product life cycle and offers a high-quality, TCO-optimized solution for your business computing needs .

ASUS Control Center *Express*

ASUS Control Center Express is a real-time IT monitoring and management tool designed for business that improves productivity and enhances security, helping prevent unauthorized access and data leaks. The intuitive dashboard enables easy, real-time hardware and software management across your organ ization.

Less-than

5 mins
Faster Installation

3 steps
Easier Migration

100 $^+$
ASUS Motherboards Compatible

Hardware & Software Monitoring

Temperature	Fan	Voltage	Graphics card

ASUS Control Center Express offers real-time information of hardware, software, utilization and connections of all devices for identifying system failure to reduce outage risks and efficiently improve productivity. Detailed hardware information, such as system temperatures, fans, voltages and hardware status — including graphics cards — are available at a glance.

Device Management

Software Blacklist	USB/Regedit enabled/disenabled	Power On/Off	Task Scheduler	BIOS & OS Reinstallation (optional)

Consistent IT management enables you to consolidate all of the assets across your network. ASUS Control Center Express allows you to get comprehensive software and hardware information with power, security, task scheduler and reporting functions on all devices. Access to the BIOS and OS reinstallation in hardware mode* when devices are not in an OS environment are available for remotely troubleshooting crashes or unexpected shutdowns.

* Requires a connection to a management LAN port supporting RTL 8117 LAN IC for BIOS and OS reinstallation in hardware mode.

Security

Security is exceptionally vital in any business environment. ASUS Control Center Express allows you to securely control unauthorized system access by providing remote disablement of the Registry Editor, blocking USB storage for all devices and providing automatic reboots via watchdog programs. A software blacklist is also available to prevent running of high-risk applications for IT security.

Smart Dashboards

The smart dashboard combines multiple views of real-time information to provide richer insights and visualize activity feeds and offers troubleshooting alerts and event logs to help you keep track of all devices in your network.

Floor Plan View

Floor plan view is an innovative feature for visualizing deployments of all devices for real-time monitoring. Different from the list format in traditional IT management software, you can easily customize your view by importing a layout image of your environment and add online/offline status shortcut icons to any asset.

Automatic IP Detection

This new function of ASUS Control Center Express lets you scan and map the IP addresses of all available devices in your network with full detail in seconds. You can then select and deploy just the devices you want, providing faster installations and improving IT operational efficiency.

Mobile Control

The HTML 5 web-based software features a responsive web design (RWD), allowing you to manage and control your IT environments on different types of mobile devices. Just scan the QR code on the smart dashboard to quickly access the web version of ASUS Control Center Express on your mobile devices anytime and anywhere.

Success Stories

Government Tender

Since the verification and application of certifications are usually complicated and very time consuming, without a stable supply, products may already reach its end of life (EOL) before the verification is complete.

ASUS offers

- Guaranteed stable supply of up to 36 months through the ASUS CSM program
- 6-month prior EOL notice and 3-month prior Last buy
- Order notice to provide system integrators sufficient time to prepare for transitions

Small and Medium-sized Enterprises

Since SMEs may not be on the scale to afford a dedicated MIS team to solve IT problems, it is difficult to have unified management and supervision on all the devices. Large scale system or software updates are also hectic and require a lot of time from SMEs to moderate the procedures.

ASUS offers

- Commercial BIOS Kits with the freedom to customize the displayed logo
- ASUS Control Center Express to easily control deployed devices remotely, such as hardware monitoring, event log collecting, etc

Working with Confidential Data

The leak of confidential information is the worst nightmare for enterprises, especially for those under restrictions of NDA contracts. Once data has been leaked, companies not only lose invaluable intellectual assets, but often also have to pay a substantial NDA compensation.

ASUS offers

- ASUS Control Center Express to disable USB ports and restrict access of USB storage devices
- ASUS Control Center Express to supervise and control all data transfers to protect your devices against crashes

American Air-Force Government Tender

In order to meet the strict requests on security and safety in aviation, the Trusted Platform Module (TPM) is a necessary hardware-based security solution for this tender. In addition, since the US government recently raised the tariff to imports from China from 10% to 25%, which drastically increased the manufacture cost, we offer alternate transit solutions to bring competitive prices.

ASUS offers

- Products bundled with TPM module for guaranteed platform safety
- Transit from China to Vietnam to avoid 25% US tariff

Motherboards Buying Guide

Model Name	Socket	Chipset	Form Factor	ASUS Features
PRIME Z790-A WIFI	LGA1700	Intel Z790	ATX	USB 3.2 Gen 2x2 Type-C®, front USB 3.2 Gen 2 Type-C®, Thunderbolt™ 4, AI Cooling II, AI Noise Cancelation, DDR5, 2.5Gb LAN, WIFI 6E
PRIME Z690-A	LGA1700	Intel Z690	ATX	16+1 DrMOS , PCIe 5.0 support, DDR5 6000 (OC)*, four M.2 PCIe 4.0 slots with improved heatsink solution and user friendly design, Intel® 2.5 Gb Ethernet, USB 3.2 Gen2x2 Type-C®, front USB 3.2 Gen 2 Type-C®, Thunderbolt™ 4 header support, Addressable Aura Sync RGB lighting and the AI features including AI Overclocking, AI Cooling and Two-Way AI Noise Cancelation.
PRIME Z790-P WIFI	LGA1700	Intel Z790	ATX	5X PROTECTION III, DDR5, USB 3.2 Gen 2x2, PCIe 5.0, 3 x M.2 onboard, Aura Sync, Addressable Gen 2 headers, SafeSlot Core+, Audio Feature, Fan Xpert 4(with AI Cooling II)
PRIME Z790-P	LGA1700	Intel Z790	ATX	5X PROTECTION III, DDR5, USB 3.2 Gen 2x2, PCIe 5.0, 3 x M.2 onboard, Aura Sync, Addressable Gen 2 headers, SafeSlot Core+, Audio Feature, Fan Xpert 4(with AI Cooling II)
PRIME Z790-P WIFI D4	LGA1700	Intel Z790	ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 2x2, PCIe 5.0, 3 x M.2 onboard, Aura Sync, Addressable Gen 2 headers, SafeSlot Core+, Audio Feature, Fan Xpert 4(with AI Cooling II)
PRIME Z790-P D4	LGA1700	Intel Z790	ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 2x2, PCIe 5.0, 3 x M.2 onboard, Aura Sync, Addressable Gen 2 headers, SafeSlot Core+, Audio Feature, Fan Xpert 4(with AI Cooling II)
PRIME Z690-P WIFI	LGA1700	Intel Z690	ATX	5X PROTECTION III, DDR5, USB 3.2 Gen 2x2, PCIe 5.0, 3 x M.2 onboard, Intel Wi-Fi 6, 2.5G LAN, Aura Sync, Addressable Gen 2 headers, SafeSlot, Audio Feature, Fan Xpert 4
PRIME Z690-P WIFI D4	LGA1700	Intel Z690	ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 2x2, PCIe 5.0, 3 x M.2 onboard, Intel Wi-Fi 6,2.5G LAN, Aura Sync, Addressable Gen 2 headers, SafeSlot, Audio Feature, Fan Xpert 4
PRIME Z690-P D4	LGA1700	Intel Z690	ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 2x2, PCIe 5.0, 3 x M.2 onboard, 2.5G LAN, Aura Sync, Addressable Gen 2 headers, SafeSlot, Audio Feature, Fan Xpert 4
PRIME Z790M-PLUS	LGA1700	Intel Z790	Micro ATX	5X PROTECTION III, DDR5, USB 3.2 Gen 2x2, PCIe 5.0, 3 x M.2 onboard, M.2 slot (Key E) for Wi-Fi module, Aura Sync, Addressable Gen 2 headers, SafeSlot Core+, Audio Feature, Fan Xpert 4(with AI Cooling II)
PRIME Z790M-PLUS D4	LGA1700	Intel Z790	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 2x2, PCIe 5.0, 3 x M.2 onboard, M.2 slot (Key E) for Wi-Fi module, Aura Sync, Addressable Gen 2 headers, SafeSlot Core+, Audio Feature, Fan Xpert 4(with AI Cooling II)
PRIME H770-PLUS D4	LGA1700	Intel H770	ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 2, PCIe 5.0, 3 x M.2 onboard, 2.5Gb Ethernet, Aura Sync, Addressable Gen 2 headers, SafeSlot Core+, Audio Feature, Fan Xpert 2+
PRIME H570-PLUS	LGA1200	Intel H570	ATX	5X PROTECTION III, DDR4,USB 3.2 Gen 2, OptiMem, PCIe 4.0, Dual M.2 onboard, Addressable Gen 2 headers, Aura Sync,SafeSlot Core+,AI Suite 3. FAN Xpert 2+ , SATA6Gb/s, Audio features
PRIME H570M-PLUS	LGA1200	Intel H570	Micro ATX	5X PROTECTION III, DDR4,USB 3.2 Gen 2, OptiMem, PCIe 4.0, Dual M.2 onboard, Addressable Gen 2 headers, Aura Sync,SafeSlot Core+,AI Suite 3. FAN Xpert 2+, SATA6Gb/s, Audio features
PRIME B760-PLUS	LGA1700	Intel B760	ATX	5X PROTECTION III, DDR5, USB 3.2 Gen 2x2, Front USB 3.2 Gen 1 Type-C®, PCIe 5.0, 3 x M.2 onboard, 2.5Gb Ethernet, Aura Sync, Addressable Gen 2 headers, SafeSlot Core+, Audio Feature, Fan Xpert 2+
PRIME B760-PLUS D4	LGA1700	Intel B760	ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 2x2, Front USB 3.2 Gen 1 Type-C®, PCIe 5.0, 3 x M.2 onboard, 2.5Gb Ethernet, Aura Sync, Addressable Gen 2 headers, SafeSlot Core+, Audio Feature, Fan Xpert 2+
PRIME B760M-A WIFI	LGA1700	Intel B760	Micro ATX	5X PROTECTION III, DDR5, PCIe 4.0, two M.2 slots, Realtek 2.5Gb Ethernet, Wi-Fi 6, DisplayPort, Dual HDMI™, SATA 6 Gbps, Rear USB 3.2 Gen 2, Front USB 3.2 Gen 1 Type-C®, Aura Sync, MyASUS, Addressable Gen 2 headers, SafeSlot Core+, Audio Feature, Fan Xpert 2+
PRIME B760M-A	LGA1700	Intel B760	Micro ATX	5X PROTECTION III, DDR5, PCIe 4.0, two M.2 slots, Realtek 2.5Gb Ethernet, DisplayPort, Dual HDMI™, SATA 6 Gbps, Rear USB 3.2 Gen 2, Front USB 3.2 Gen 1 Type-C®, Aura Sync, Addressable Gen 2 headers, SafeSlot Core+, Audio Feature, Fan Xpert 2+
PRIME B760M-A WIFI D4	LGA1700	Intel B760	Micro ATX	5X PROTECTION III, DDR4, PCIe 4.0, two M.2 slots, Realtek 2.5Gb Ethernet, Wi-Fi 6, DisplayPort, Dual HDMI™, SATA 6 Gbps, Rear USB 3.2 Gen 2, Front USB 3.2 Gen 1 Type-C®, Aura Sync, MyASUS, Addressable Gen 2 headers, SafeSlot Core+, Audio Feature, Fan Xpert 2+
PRIME B760M-A D4	LGA1700	Intel B760	Micro ATX	5X PROTECTION III, DDR4, PCIe 4.0, two M.2 slots, Realtek 2.5Gb Ethernet, DisplayPort, Dual HDMI™, SATA 6 Gbps, Rear USB 3.2 Gen 2, Front USB 3.2 Gen 1 Type-C®, Aura Sync, Addressable Gen 2 headers, SafeSlot Core+, Audio Feature, Fan Xpert 2+
PRIME B660-PLUS D4	LGA1700	Intel B660	ATX	ASUS 5X PROTECTION III, PCIe 4.0 slot, three M.2 slots, Realtek 2.5Gb Ethernet,DisplayPort, HDMI®, D-Sub, rear USB 3.2 Gen 2x2 Type-C®, front USB 3.2 Gen 1 Type-C®, Aura Sync
PRIME B660M-A WIFI D4	LGA1700	Intel B660	Micro ATX	5X PROTECTION III, DDR4, PCIe 4.0, Dual 64Gb/s M.2 onboard, AI Suite 3. FAN Xpert2+, USB 3.1 Gen 2, SATA6Gb/s, SafeSlot Core+, AURA SYNC, Audio features
PRIME B660M-A D4	LGA1700	Intel B660	Micro ATX	5X PROTECTION III, DDR4, PCIe 4.0, Dual 64Gb/s M.2 onboard, AI Suite 3. FAN Xpert2+, USB 3.1 Gen 2, SATA6Gb/s, SafeSlot Core+, AURA SYNC, Audio features
PRIME B560M-A	LGA1200	Intel B560	Micro ATX	5X PROTECITON III, PCIE 4.0, 4 DDR4 5000(OC), ASUS OptiMem II, USB 3.2 Gen 2 Type-C, Front USB 3.2 Gen 1, 2*M.2 with flexible Heatsink , SATA, 2* PCIe x16, V-M.2 Key E Wi-Fi ready, Intel 1Gb Ethernet, DP1.4/ 2* HDMI 2.0, COM header, AURA Sync, RGB and Addressable RGB header
PRIME B760M-K	LGA 1700	Intel B760	Micro ATX	5X PROTECTION III, DDR5, PCIe 4.0, Dual 64Gb/s M.2 onboard, Realtek 2.5Gb Ethernet, SATA6Gb/s, SafeSlot Core, Addressable Gen 2 headers, AURA SYNC, Armoury Crate, Two-way AI Noise Cancelation, FAN Xpert 2+
PRIME B760M-K D4	LGA 1700	Intel B760	Micro ATX	5X PROTECTION III, DDR4, PCIe 4.0, Dual 64Gb/s M.2 onboard, AI Suite 3. FAN Xpert, SATA6Gb/s, SafeSlot Core, Addressable Gen 2 headers, AURA SYNC, Audio features
PRIME B660M-K D4	LGA1700	Intel B660	Micro ATX	5X PROTECTION III, DDR4, PCIe 4.0, Dual 64Gb/s M.2 onboard, AI Suite 3. FAN Xpert, SATA6Gb/s, SafeSlot Core, RGB header, Audio features
B760M-AYW WIFI D4	LGA 1700	Intel B760	Micro ATX	5X PROTECTION III, DDR4, PCIe 4.0, Dual 64Gb/s M.2 onboard, Wi-Fi 6, AI Suite 3. FAN Xpert, SATA6Gb/s, SafeSlot Core, Addressable Gen 2 headers, AURA SYNC, Audio features

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Motherboards Buying Guide

 ## Mainstream

Model Name	Socket	Chipset	Form Factor	ASUS Features
PRIME X670E-PRO WIFI	AM5	AMD X670	ATX	5X PROTECTION III, DDR5, USB 3.2 Gen 2x2, PCIe 5.0, 4 x M.2 onboard, Wi-Fi 6E, 2.5G Ethernet, Aura Sync, Addressable Gen 2 headers, PCIe Slot Q-Release, SafeSlot, SafeDIMM, M.2 Q-latch, Crastal Sound 3, Fan Xpert 4, MyASUS
PRIME X670E-P	AM5	AMD X670	ATX	5X PROTECTION III, DDR5, PCIe 5.0, USB 3.2 Gen 2x2 Type-C®, Front USB 3.2 Gen 1 Type-C®, 3 x M.2 onboard, BIOS FlashBack™, V-M.2 slot, 2.5G LAN, Aura Sync, Addressable Gen 2 headers, M.2 Q-Latch, Audio Feature, Fan Xpert 4 with AI Cooling II
PRIME X670-P WIFI	AM5	AMD X670	ATX	5X PROTECTION III, DDR5, USB 3.2 Gen 2x2 Type-C®, Front USB 3.2 Gen 1 Type-C®, PCIe 5.0 storage support, 3 x M.2 onboard, BIOS FlashBack™, Wi-Fi 6, 2.5G LAN, Aura Sync, Addressable Gen 2 headers, M.2 Q-Latch, MyASUS, Audio Feature, Fan Xpert 4 with AI Cooling II
PRIME X670-P	AM5	AMD X670	ATX	5X PROTECTION III, DDR5, USB 3.2 Gen 2x2 Type-C®, Front USB 3.2 Gen 1 Type-C®, PCIe 5.0 storage support, 3 x M.2 onboard, BIOS FlashBack™, V-M.2 slot, 2.5G LAN, Aura Sync, Addressable Gen 2 headers, M.2 Q-Latch, Audio Feature, Fan Xpert 4 with AI Cooling II
PRIME B650-PLUS	AM5	AMD B650	ATX	5X PROTECTION III, DDR5, USB 3.2 Gen 2 Type-C®, Front USB 3.2 Gen 1 Type-C®, PCIe 5.0 storage support, Dual M.2 onboard, BIOS FlashBack™, 2.5G LAN, Aura Sync, Addressable Gen 2 headers, Fan Xpert 2+, SafeSlot Core+, Audio Features
PRIME B650M-A WIFI II	AM5	AMD B650	Micro ATX	5X PROTECTION III, DDR5, Front USB 3.2 Gen 1 Type-C®, PCIe 5.0 storage support, Dual M.2 onboard, BIOS FlashBack™, Wi-Fi 6, 2.5G LAN, Aura Sync, Addressable Audio Features
PRIME B650M-A AX II	AM5	AMD B650	Micro ATX	5X PROTECTION III, DDR5, Front USB 3.2 Gen 1 Type-C®, PCIe 5.0 storage support, Dual M.2 onboard, BIOS FlashBack™, Wi-Fi 6, 2.5G LAN, Aura Sync, Addressable Gen 2 headers, Fan Xpert 2+, SafeSlot Core+, Audio Features
PRIME B650M-A II	AM5	AMD B650	Micro ATX	5X PROTECTION III, DDR5, Front USB 3.2 Gen 1 Type-C®, PCIe 5.0 storage support, Dual M.2 onboard, BIOS FlashBack™, 2.5G LAN, Aura Sync, Addressable Gen 2 headers, Fan Xpert 2+, SafeSlot Core+, Audio Features
PRIME B650M-K	AM5	AMD B650	Micro ATX	5X PROTECTION III, DDR5, Front USB 3.2 Gen 1 Type-C®, PCIe 5.0 storage support, Dual M.2 onboard, BIOS FlashBack™, 2.5G LAN, Aura Sync, Addressable Gen 2 headers, Fan Xpert 2+, SafeSlot Core+, Audio Features
PRIME B550-PLUS AC-HES	AM4	AMD B550	ATX	5X PROTECTION III, 4 x DDR4, USB 3.2 Gen 2 Type C®, Font USB 3.2 Gen 1 Type C®, PCIe 4.0, Dual M.2 onboard, Wi-Fi 5, SATA6Gb/s, Fan Xpert 2+, SafeSlot Core, Aura Sync
PRIME B550-PLUS	AM4	AMD B550	ATX	USB 3.2 Gen2 Type-C, ASUS 5X PROTECTION III, Fan Xpert 4, Aura Sync 5X PROTECTION III, 4 x DDR4, USB 3.2 Gen 2, PCIe 4.0, Dual M.2 onboard, Wi-Fi 6, MyASUS, SATA6Gb/s, AI Suite 3, Fan Xpert 2+, SafeSlot Core, Aura Sync, Audio features
PRIME B550M-A AC	AM4	AMD B550	Micro ATX	5X PROTECTION III, 4 x DDR4, USB 3.2 Gen 2, PCIe 4.0, Dual M.2 onboard, 802.11ac Wi-Fi, SATA6Gb/s, AI Suite 3, Fan Xpert 2+, SafeSlot Core, Aura Sync, Audio features
PRIME B550M-A	AM4	AMD B550	Micro ATX	5X PROTECTION III, 4 x DDR4, USB 3.2 Gen 2, PCIe 4.0, Dual M.2 onboard, SATA6Gb/s, AI Suite 3, Fan Xpert 2+, SafeSlot Core, Aura Sync, Audio features
PRIME B550M-K	AM4	AMD B550	Micro ATX	5X PROTECTION III, 4 x DDR4, USB 3.2 Gen 2, PCIe 4.0, Dual M.2 onboard, SATA6Gb/s, AI Suite 3, Fan Xpert 2+, SafeSlot Core, Audio features
PRIME B450M-A II	AM4	AMD B450	Micro ATX	5X PROTECTION III, DDR4, 32Gb/s M.2 onboard, UEFI BIOS with EZ Flash 3, AI Suite 3, BIOS FlashBack™, FAN Xpert 2+, USB 3.1 Gen 2, SATA6Gb/s, AURA SYNC, Audio features
PRIME B450M-K II	AM4	AMD B450	Micro ATX	5X PROTECTION III, DDR4, 32Gb/s M.2 onboard, UEFI BIOS with EZ Flash 3, AI Suite 3, BIOS FlashBack™, FAN Xpert, USB 3.1 Gen 1, SATA6Gb/s, Audio features
PRIME B450-PLUS	AM4	AMD B450	ATX	5X PROTECTION III, DDR4, 32Gb/s M.2 onboard, UEFI BIOS with EZ Flash 3, AI Suite 3, FAN Xpert4 Core, USB 3.1 Gen 2, SATA6Gb/s, AURA SYNC, Audio features

 ## Value

Model Name	Socket	Chipset	Form Factor	ASUS Features
PRIME H610M-A WIFI	LGA1700	Intel H610	Micro ATX	5X PROTECTION III, DDR5, USB 3.2 Gen 2, dual M.2 slots, DP, WIFI 5, MyASUS, Intel® LAN, SATA6Gb/s, AI Suite 3, FAN Xpert 2+, SafeSlot Core, Addressable Gen 2 headers, Aura Sync, Audio features
PRIME H610M-A	LGA1700	Intel H610	Micro ATX	5X PROTECTION III, DDR5, USB 3.2 Gen 2, dual M.2 slots, DP, Intel® LAN, SATA6Gb/s, AI Suite 3, FAN Xpert 2+, SafeSlot Core, Addressable Gen 2 headers, Aura Sync, Audio features
PRIME H610M-E	LGA1700	Intel H610	Micro ATX	5X PROTECTION III, DDR5, USB 3.2 Gen 1, dual M.2 slots, DP, SATA6Gb/s, AC, FAN Xpert 2+, SafeSlot Core, COM header, Aura Sync, Addressable Gen 2 headers, Audio features
PRIME H610M-A WIFI D4	LGA1700	Intel H610	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 2, dual M.2 slots, DP, WIFI 5, MyASUS, Intel® LAN, SATA6Gb/s, AI Suite 3, FAN Xpert 2+, SafeSlot Core, Addressable Gen 2 headers, Aura Sync, Audio features
PRIME H610M-A D4	LGA1700	Intel H610	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 2, dual M.2 slots, DP, Intel® LAN, SATA6Gb/s, AI Suite 3, FAN Xpert 2+, SafeSlot Core, Addressable Gen 2 headers, Aura Sync, Audio features
PRIME H610M-E D4	LGA1700	Intel H610	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 1, dual M.2 slots, DP, SATA6Gb/s, AI Suite 3, FAN Xpert 2+, SafeSlot Core, COM header, RGB header, Audio features
PRIME H610M-D D4	LGA1700	Intel H610	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 1, 32Gb/s M.2 onboard, SATA6Gb/s, AI Suite 3, FAN Xpert, SafeSlot Core, COM port, LPT header, RGB header, Audio features
PRIME H610M-K D4	LGA1700	Intel H610	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 1, 32Gb/s M.2 onboard, SATA6Gb/s, AI Suite 3, FAN Xpert, SafeSlot Core, COM header, RGB header, Audio features
PRIME H610M-R D4	LGA1700	Intel H610	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 1, 32Gb/s M.2 onboard, SATA6Gb/s, D-Sub/DVI/HDMI, AI Suite 3, SafeSlot Core, Audio features
PRIME H610M-CS D4	LGA1700	Intel H610	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 1, 32Gb/s M.2 onboard, SATA6Gb/s, D-Sub/HDMI, AI Suite 3, SafeSlot Core, Audio features, Luminous anti-moisture coating, USBGuard

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Motherboards Buying Guide

PRIME Value

Model Name	Socket	Chipset	Form Factor	ASUS Features
PRIME H610M-F D4	LGA1700	Intel H610	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 1, 32Gb/s M.2 onboard, SATA6Gb/s, AI Suite 3, SafeSlot Core, Audio features
PRIME H610I-PLUS	LGA1700	Intel H610	Mini-ITX	DDR5, Intel 1GB Ethernet, USB 3.2 Gen 1, M.2 Key E, Armoury Crate, AI Suite 3
PRIME H610I-PLUS D4	LGA1700	Intel H610	Mini-ITX	5X Protection III, DDR4 Memory Support, PCIe 4.0 x 16, USB 3.2 Gen 1, EZ Flash 3, SATA6Gb/s, ASUS CPU-Z, Fan Xpert
PRIME H610T2-CSM D4	LGA1700	Intel H610	Thin Mini-ITX	SO-DIMM DDR4, USB 3.2 Gen 2, 64Gb/s M.2 onboard, SATA6Gb/s, D-Sub/HDMI/LVDS, 19V DC Power Connector, COM Header, SPI TPM Header
PRIME H610T2M-CSM D4	LGA1700	Intel H610	Thin Mini-ITX	SO-DIMM DDR4, USB 3.2 Gen 2, 32Gb/s M.2 onboard, MXM Slot onboard, SATA6Gb/s, HDMI/LVDS, 19V DC Power Connector, COM port, SPI TPM Header
PRIME H510M-A WIFI	LGA1200	Intel H510	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 1, 32Gb/s M.2 onboard, DP, Intel® Wi-Fi 5, Intel® LAN, SATA6Gb/s, AI Suite 3, FAN Xpert 2+, SafeSlot Core, Addressable Gen 2 headers, Aura Sync, Audio features
PRIME H510M-A	LGA1200	Intel H510	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 1, 32Gb/s M.2 onboard, DP, Intel® LAN, SATA6Gb/s, AI Suite 3, FAN Xpert 2+, SafeSlot Core, Addressable Gen 2 headers, Aura Sync, Audio features
PRIME H510M-A R2.0	LGA1200	Intel H470	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 1, 32Gb/s M.2 onboard, DP, SATA6Gb/s, AI Suite 3, FAN Xpert 2+, SafeSlot Core, Addressable Gen 2 headers, Aura Sync, Audio features
PRIME H510M-E	LGA1200	Intel H510	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 1, 32Gb/s M.2 onboard, DP, Intel® LAN, SATA6Gb/s, AI Suite 3, FAN Xpert, SafeSlot Core, RGB header, Audio features
PRIME H510M-E R2.0	LGA1200	Intel H470	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 1, 32Gb/s M.2 onboard, DP, SATA6Gb/s, AI Suite 3, FAN Xpert, SafeSlot Core, Addressable Gen 2 headers, Aura Sync, Audio features
PRIME H510M-F	LGA1200	Intel H510	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 1, SATA6Gb/s, AI Suite 3, SafeSlot Core, Audio features
PRIME H510M-F R2.0	LGA1200	Intel H470	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 1, SATA6Gb/s, AI Suite 3, SafeSlot Core, Audio features
PRIME H510M-D	LGA1200	Intel H510	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 1, 32Gb/s M.2 onboard, Intel® LAN, SATA6Gb/s, AI Suite 3, FAN Xpert, SafeSlot Core, LPT header, RGB header, Audio features
PRIME H510M-K	LGA1200	Intel H510	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 1, 32Gb/s M.2 onboard, Intel® LAN, SATA6Gb/s, AI Suite 3, FAN Xpert, SafeSlot Core, RGB header, Audio features
PRIME H510M-K R2.0	LGA1200	Intel H470	Micro ATX	5X PROTECTION III, DDR4, USB 3.2 Gen 1, 32Gb/s M.2 onboard, SATA6Gb/s, AI Suite 3, FAN Xpert, SafeSlot Core, RGB header, Audio features
PRIME H410M-A	LGA1200	Intel H410	Micro ATX	5X PROTECTION III, DDR4, OptiMem, USB 3.2 Gen 1, 16Gb/s M.2 onboard, SATA6Gb/s, AI Suite 3, FAN Xpert 2+, SafeSlot Core, Audio features
PRIME H410M-E	LGA1200	Intel H410	Micro ATX	5X PROTECTION III, DDR4, OptiMem, USB 3.2 Gen 1, 16Gb/s M.2 onboard, SATA6Gb/s, AI Suite 3, FAN Xpert, SafeSlot Core, Audio features
PRIME H410M-K	LGA1200	Intel H410	Micro ATX	5X PROTECTION III, DDR4, OptiMem, USB 3.2 Gen 1, SATA6Gb/s, AI Suite 3, FAN Xpert, SafeSlot Core, Audio features
PRIME H310M-K	LGA 1151	Intel H310	Micro ATX	5X Protection III, DDR4 Memory Support, Gaming Audio, USB 3.1 Gen1, PCIe 3.0 x 16, EZ Flash 3, AI Suite 3, SATA6Gb/s, PC Cleaner, Fan Xpert
PRIME H310M-F	LGA 1151	Intel H310	Micro ATX	5X Protection III, DDR4 Memory Support, Gaming Audio, USB 3.1 Gen1, PCIe 3.0 x 16, EZ Flash 3, AI Suite 3, SATA6Gb/s, PC Cleaner, Fan Xpert
PRIME A620-PLUS WIFI	AM5	AMD A620	ATX	5X PROTECTION III, DDR5, Front USB 3.2 Gen 1 Type-C®, Dual M.2 onboard, Aura Sync, Addressable Gen 2 headers, Fan Xpert 2+, SafeSlot Core+, Audio features
PRIME A620M-A	AM5	AMD A620	Micro ATX	5X PROTECTION III, DDR5, PCIe 4.0 support with SafeSlot Core, Dual M.2 onboard, Front USB 3.2 Gen 1 Type-C®, Aura Sync, Addressable Gen 2 headers, Fan Xpert 2+, Two-Way AI Noise Cancellation, Audio Features
PRIME A620M-E	AM5	AMD A620	Micro ATX	5X PROTECTION III, DDR5, PCIe 4.0 support, 64Gb/s M.2 onboard, USB 3.2 Gen 1 Type-A, Aura Sync, Addressable Gen 2 headers, Fan Xpert 2+, Two-Way AI Noise Cancellation, Armoury Crate, SafeSlot Core+, Audio Features
PRIME A620M-K	AM5	AMD A620	Micro ATX	5X PROTECTION III, DDR5, PCIe 4.0 support, 64Gb/s M.2 onboard, USB 3.2 Gen 1 Type-A, Aura Sync, Addressable Gen 2 headers, Fan Xpert, Two-Way AI Noise Cancellation, Armoury Crate, SafeSlot Core, Audio Features
PRIME A520M-A II	AM4	AMD A520	Micro ATX	5X PROTECTION III, DDR4, 32Gb/s M.2 onboard, DP, Aura Sync, Addressable Gen 2 header, FAN Xpert 2+, USB 3.2 Gen 1, SafeSlot Core, Audio features
PRIME A520M-E	AM4	AMD A520	Micro ATX	5X PROTECTION III, DDR4, 32Gb/s M.2 onboard, SATA6Gb/s, AI Suite 3, FAN Xpert, USB 3.2 Gen 2, SafeSlot Core, Audio features
PRIME A520M-K	AM4	AMD A520	Micro ATX	5X PROTECTION III, DDR4, 32Gb/s M.2 onboard, SATA6Gb/s, AI Suite 3, FAN Xpert, USB 3.2 Gen 1, SafeSlot Core, Audio features
PRIME A320M-C R2.0	AM4	AMD A320	Micro ATX	5X Protection II, UEFI BIOS, Fan Xpert, AI Suite 3, Ai Charger
PRIME A320M-K	AM4	AMD A320	Micro ATX	Socket AM4, A320, 5X PROTECTION III, DDR4, 32Gb/s M.2 onboard, FAN Xpert, USB 3.0, SATA6Gb/s, Audio features
PRIME A320M-F	AM4	AMD A320	Micro ATX	Socket AM4, A320, 5X PROTECTION III, DDR4, FAN Xpert, USB 3.0, SATA6Gb/s, Lan Guard

Mini ITX Series

Model Name	Socket	Chipset	Form Factor	ASUS Features
PRIME A320I-K	AM4	AMD A320	Mini-ITX	5X PROTECTION III, DDR4, 32Gb/s M.2 onboard, HDMI, DisplayPort, FAN Xpert 2+, AI Suite 3, Ai Charger, SATA6Gb/s, Audio features
PRIME N100I-D D4	N100	-	Mini-ITX	DDR4, USB 3.2 Gen 2, M.2 slot, DP/HDMI/VGA, COM port, LPT header, SATA 6 Gbps, UEFI BIOS, AI Suite 3
N5105T2-CSM	BGA1338	N5105	Thin Mini-ITX	SO-DIMM DDR4, USB 3.2 Gen 1, 32Gb/s M.2 onboard, SATA6Gb/s, VGA/HDMI/LVDS, 12V DC Power Connector, COM Header, SPI TPM Header
PRIME J4005I-C	Intel SoC	Intel J4005	Mini-ITX	5X Protection II, UEFI BIOS, Ai Charger
J1900I-C	Intel SoC	Intel J1900	Mini-ITX	USB3.0 Boost, New UEFI BIOS, AI Suite 3, AI Charger

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Motherboards Buying Guide

PRIME Performance

Model Name	Socket	Chipset	Form Factor	ASUS Features
PRIME X299-A II	LGA 2066	Intel X299	ATX	5-Way Optimization with AI Overclocking, 8-DIMM Quad-CH, Add Header Gen 2, Pre-mounted I/O Shield, Dual 22110 M.2 Heatsinks, Safe slot, Crystal Sound 3 Audio DTS: X®Ultra, 5X Protection III

BUSINESS MOTHERBOARD Series

Model Name	Socket	Chipset	Form Factor	ASUS Features
Pro B760M-C-CSM	LGA1700	Intel B760	Micro ATX	PCIe 4.0, DDR5, SMBUS header, ASUS Self Recovering BIOS, ASUS Event Log, ASUS Commercial BIOS kit, Anti-moisture coating, 24-7 Reliability, Overcurrent protection, Box Headers
Pro B760M-CT-CSM	LGA1700	Intel B760	Micro ATX	PCIe 4.0, DDR5, SMBUS header, TPM IC onboard, ASUS Self Recovering BIOS, ASUS Event Log, ASUS Commercial BIOS kit, Anti-moisture coating, 24-7 Reliability, Overcurrent protection, Box Headers
Pro B660M-C D4-CSM	LGA1700	Intel B660	Micro ATX	TPM IC onboard, SMBUS header, ASUS Self Recovering BIOS, ASUS Event Log, ASUS Commercial BIOS kit, Anti-moisture coating, 24-7 Reliability, Overcurrent protection, Box Headers
Pro Q670M-C-CSM	LGA1700	Intel Q670	Micro ATX	ASUS Boot Defender, DDR5, USB 3.2 Gen 2, TPM IC onboard, SMBUS header, ASUS Self Recovering BIOS, ASUS Event Log, ASUS Commercial BIOS kit, Anti-Moisture, 24/7 Reliability, Overcurrent Protection, Box Headers
Pro Q670M-CE D4-CSM	LGA1700	Intel Q670	Micro ATX	ASUS Boot Defender, DDR4, USB 3.2 Gen 2, TPM IC onboard, SMBUS header, ASUS Self Recovering BIOS, ASUS Event Log, ASUS Commercial BIOS kit, Anti-Moisture, 24/7 Reliability, Overcurrent Protection, Box Headers, vPro Essentials
Pro Q570M-C/CSM	LGA1200	Intel Q570	Micro ATX	ASUS Self Recovering BIOS, ASUS Event Log, ASUS Commercial BIOS kit, Anti-Moisture, 24/7 Reliability, Overcurrent Protection, Box Headers
Pro H610M-CT2 D4-CSM	LGA1700	Intel H610	Micro ATX	PCIe 4.0, USB 3.2 Gen 2, 2 x DisplayPort, VGA, M.2 Key E, SMBUS header, Q-LED Core, ASUS Self Recovering BIOS, ASUS Event Log, ASUS Commercial BIOS kit, Anti-Moisture, 24/7 Reliability, Overcurrent Protection, Box Headers
Pro H610M-C-CSM	LGA1700	Intel H610	Micro ATX	PCIe 5.0, DDR5, USB 3.2 Gen 2, SMBUS header, ASUS Self Recovering BIOS, ASUS Event Log, ASUS Commercial BIOS kit, Anti-Moisture, 24/7 Reliability, Overcurrent Protection, Box Headers
Pro H610M-C D4-CSM	LGA1700	Intel H610	Micro ATX	PCIe 4.0, USB 3.2 Gen 2, SMBUS header, ASUS Self Recovering BIOS, ASUS Event Log, ASUS Commercial BIOS kit, Anti-Moisture, 24/7 Reliability, Overcurrent Protection, Box Headers
Pro H510M-C/CSM	LGA1200	Intel H510	Micro ATX	ASUS Self Recovering BIOS, ASUS Event Log, ASUS Commercial BIOS kit, Anti-Moisture, 24/7 Reliability, Overcurrent Protection, Box Headers
Pro H610T-CSM	LGA1700	Intel H610	Thin mini-ITX	DDR5 SO-DIMM Memory Support, LVDS connector, 1 Gb Ethernet, USB 3.2 Gen 2, 19v DC power connector, M.2 Key E, ASUS Control Center Express
Pro H610T D4-CSM	LGA1700	Intel H610	Thin mini-ITX	DDR4 SO-DIMM Memory Support, LVDS connector, 1 Gb Ethernet, USB 3.2 Gen 2, 19v DC power connector, M.2 Key E, ASUS Control Center Express
Pro B650M-CT-CSM	AM5	AMD B650	Micro ATX	DDR5, M.2 PCIe 5.0, SMBUS header, Box Headers, ASUS boot defender, ASUS Self Recovering BIOS, ASUS Event Log, ASUS Commercial BIOS kit, Anti-moisture coating, 24-7 Reliability, Overcurrent protection, DIGI+VRM
Pro B550M-C/CSM	AM4	AMD B550	mATX	PCIE 4.0, PCI, 4DDR4, USB 3.2 Gen 2, M.2 key E slot, Dual DisplayPort, HDMI, COM header, LPT header, TPM IC onboard, Thunderbolt header, SMBUS header, ASUS Control Center Express
Pro A620M-C-CSM	AM5	AMD A620	Micro ATX	DDR5, dual M.2 PCIe 4.0, SMBUS header, Box Headers, ASUS Self Recovering BIOS, ASUS Event Log, ASUS Commercial BIOS kit, Anti-moisture coating, 24-7 Reliability, Overcurrent protection, DIGI+VRM
Pro A620M-DASH-CSM	AM5	AMD A620	Micro ATX	DDR5, PCIe 4.0 support, 64Gb/s M.2 onboard, USB 3.2 Gen 1 Type-A, DASH LAN onboard, ASUS Self Recovering BIOS, ASUS Event Log, ASUS Commercial BIOS kit, Anti-moisture coating, 24-7 Reliability
Pro A520M-C II/CSM	AM4	AMD A520	Micro ATX	ASUS Self Recovering BIOS, ASUS Event Log, ASUS Commercial BIOS kit, Anti-moisture coating, 24-7 Reliability, Overcurrent protection, DIGI+VRM
Pro A520M-C	AM4	AMD A520	Micro ATX	ASUS Self Recovering BIOS, ASUS Event Log, ASUS Commercial BIOS kit, Anti-moisture coating, 24-7 Reliability, Overcurrent protection, DIGI+VRM
EX-B760M-V5	LGA1700	Intel B760	Micro ATX	5X PROTECTION III, DDR5, PCIe 4.0, Dual 64Gb/s M.2 onboard, Realtek 2.5Gb Ethernet, SATA6Gb/s, SafeSlot Core+, Lightning Boot, Luminous anti-moisture coating

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Motherboards Buying Guide

ProArt Series

Model Name	Socket	Chipset	Form Factor	ASUS Features
ProArt Z790-CREATOR WIFI	LGA1700	Intel Z790	ATX	USB 3.2 Gen2x2 front panel Type-C, Thunderbolt™ 4, 10Gb + 2.5Gb LAN, WIFI 6E, ProArt Creator Hub, ASUS Control Center Express, AI Overclocking, AI Cooling II, AI Noise Cancelation
ProArt B760-CREATOR WIFI	LGA1700	Intel B760	ATX	PCIe Gen5, DDR5, Three M.2, 2.5G & 1 Gb Ethernet, Intel® WiFi 6, Front USB 3.2 Gen2x2 Type-C with Quick Charge 4+, Thunderbolt Header, ProArt Creator Hub, CreationFirst, ASUS Control Center Express
ProArt B760-CREATOR	LGA1700	Intel B760	ATX	PCIe Gen5, DDR5, Three M.2, 2.5G & 1 Gb Ethernet, Front USB 3.2 Gen2x2 Type-C with Quick Charge 4+, Thunderbolt Header, ProArt Creator Hub, CreationFirst, ASUS Control Center Express
ProArt B760-CREATOR D4	LGA1700	Intel B760	ATX	PCIe Gen5, DDR4, Three M.2, 2.5G & 1 Gb Ethernet, Front USB 3.2 Gen2x2 Type-C, Thunderbolt Header, ProArt Creator Hub, CreationFirst, ASUS Control Center Express
ProArt X670E-CREATOR WIFI	AM5	AMD X670	ATX	DDR5, Dual USB4®, 10 Gb & 2.5 Gb Ethernet, WIFI 6E, Four M.2 slots, USB 3.2 Gen 2x2 front panel connector with Quick Charge 4+, PCIe Slot Q-Release, SafeSlot, SafeDIMM, M.2 Q-latch, AI Cooling II, Crystal Sound 3, Fan Xpert 4
ProArt B650-CREATOR	AM5	AMD B650	ATX	Front Panel USB 3.2 Gen 2x2 with Quick Charge 4+ Support, One PCIe 5.0 M.2 slot, 2.5Gb + 1Gb LAN, ProArt Creator Hub, ASUS Control Center Express, Two-Way AI Noise Cancellation

Pro WS Series

Model Name	Socket	Chipset	Form Factor	ASUS Features
Pro WS X299 SAGE II	LGA2066	Intel X299	CEB	Dual Intel 2.5G LAN, 4-Way SLI x16 link, triple U.2
PRO WS WRX80E-SAGE SE WIFI II	sWRX8	AMD WRX80	EATX (EEB)	With Intel dual 10 G LAN, USB 3.2 Gen2x2 Type-C port, 7 x PCIe 4.0 x16 slots, 3 x M.2 PCIe 4.0, ASMB9-iKVM, 2 x U.2 and 16 power stages
Pro WS W790E-SAGE SE	LGA4677	Intel W790	EEB	7 x PCIe 5.0 x16 slots, 8 x DDR5 DIMM slots, Intel dual 10Gb + 1Gb LAN, USB 3.2 Gen2x2 Type-C, onboard AST2600 BMC, ASUS Control Center Express
Pro WS W790-ACE	LGA4677	Intel W790	CEB	5 x PCIe 5.0 x16 slots, 8 x DDR5 DIMM slots, 10Gb + 2.5Gb LAN, USB 3.2 Gen2x2 Type-C, ready for IPMI, ASUS Control Center Express
Pro WS W680-ACE IPMI	LGA1700	Intel W680	ATX	Bundle with IPMI Expansion card .With PCIe® 5.0, DDR5 support, dual Intel® 2.5 Gb Ethernet, three PCIe 4.0 M.2 slots, plus a USB 3.2 Gen 2x2 front panel connector, SlimSAS, SATA 6 Gbps, HDMI®, DisplayPort and VGA
Pro WS W680-ACE	LGA1700	Intel W680	ATX	With PCIe® 5.0, DDR5 support, dual Intel® 2.5 Gb Ethernet, three PCIe 4.0 M.2 slots, plus a USB 3.2 Gen 2x2 front panel connector, SlimSAS, SATA 6 Gbps, HDMI®, DisplayPort and VGA
Pro WS W680M-ACE SE	LGA1700	Intel W680	MicroATX	DDR5 ECC and non-ECC U-DIMM, 2 x Intel® 2.5Gb Ethernet, Server-grade IPMI remote management
Pro WS X570-ACE	AM4	AMD X570	ATX	5-Way Optimization with AI Overclocking, 4*DDR4-ECC/non-ECC UDIMM, PCIe 4.0, Dual GbE controller, Safe slot, 5X Protection III, U.2, ASUS NODE, ProCool II, ASUS Control Center Express with OOB control

Workstation Series

Model Name	Socket	Chipset	Form Factor	ASUS Features
WS X299 SAGE/10G	LGA2066	Intel X299	CEB	Dual Intel 10G LAN, 4-Way SLI x16 link, Dual M.2 x4
WS X299 SAGE	LGA2066	Intel X299	CEB	4-Way SLI x16 link, Dual M.2 X4 with 1 vertical design, Dual U.2
WS X299 PRO	LGA2066	Intel X299	ATX	Dual M.2 x4 with hearsink, U.2, USB 3.1 Gen2 Ports, 3-Way SLI/CFX
WS X299 PRO/SE	LGA2066	Intel X299	ATX	Dual M.2 x4 with hearsink, U.2, ASMB9-iKVM on board, 3-Way SLI/CFX
WS C621E SAGE	LGA3647	Intel C621	EEB	Dual Socket with 12 DIMMs, 4-Way SLI x16 link, 4 U.2
WS C422 SAGE/10G	LGA2066	Intel X299	CEB	XEON-W CPU, RDIMM/LRDIMM, Dual Intel 10G LAN
WS C422 PRO/SE	LGA2066	Intel C422	ATX	Dual M.2 x4 with hearsink, U.2, XEON-W CPU, RDIMM/LRDIMM Support
WS C246 PRO	LGA1151	Intel C246	ATX	Dual M.2, Dual LAN, ACC
WS C246M PRO	LGA1151	Intel C246	Micro ATX	Single M.2, Dual LAN, ACC
WS C246M PRO/SE	LGA1151	Intel C246	Micro ATX	Single M.2, Dual LAN, IPMI, ACC
Z10PE-D8 WS	LGA2011-3	Intel C612	EEB	Dual Socket, 7 x PCIe x16 slot with 4 x16 Gen3 Link, BIOS Flashback

*Product specifications are subject to change without notice, although every effort is made to ensure that they are correct up to the point of launch.
Please contact your suppliers or local dealers for exact product launch schedules, specifications and availability.