

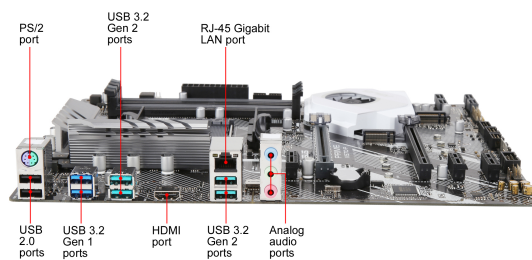
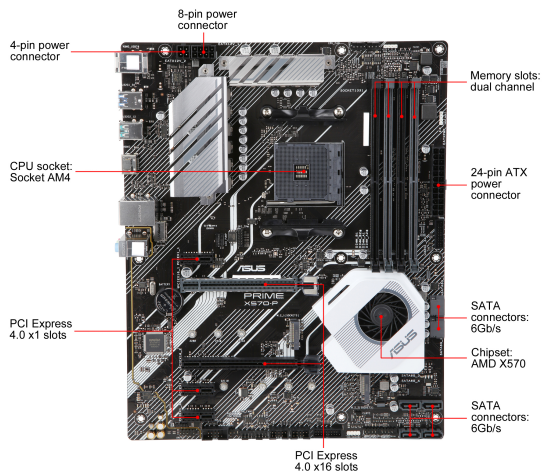


Asus Prime X570-P Ryzen 3 AM4 with PCIe Gen4, Dual M.2 HDMI, SATA 6GB/s USB 3.2 Gen 2 ATX Motherboard

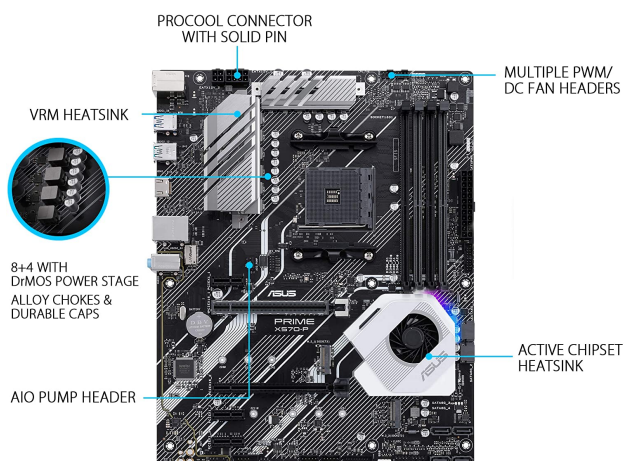
\$159.95

Product Images

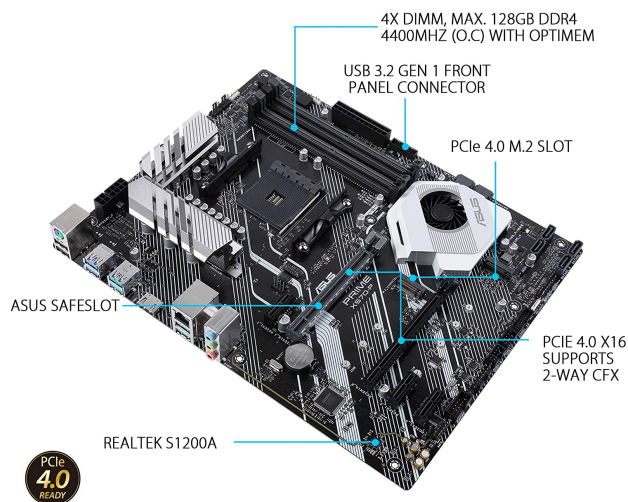




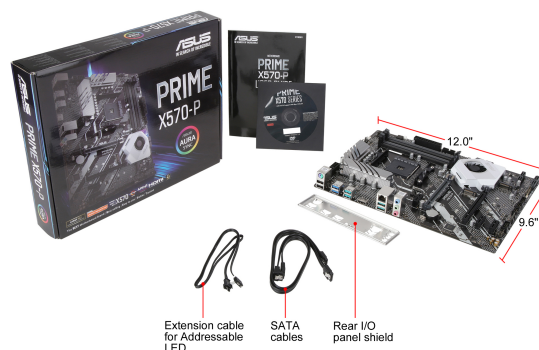
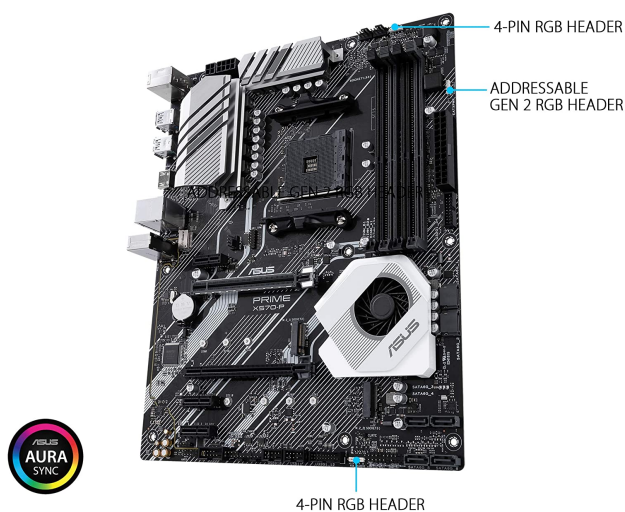
Enhanced Power Delivery and Cooling



Built For Everyday Productivity



Personalize Your Build With ASUS Aura Sync RGB headers





Short Description

Powered by AMD Ryzen 2 and 3 AM4 processors, the Asus Prime x570-p delivers customizable performance. Tune your build your way, on-board dual M. 2 support and USB 3. 2 Gen 2 deliver maximum transfer speeds. Outshine the competition and personalize your build with AURA Sync RGB.

Description

AMD PRIME X570-P AM4 ATX Motherboard

Powered by AMD Ryzen 2 and 3 AM4 processors, the Asus Prime x570-p delivers customizable performance. Tune your build your way, on-board dual M. 2 support and USB 3. 2 Gen 2 deliver maximum transfer speeds. Outshine the competition and personalize your build with AURA Sync RGB.

Dressed in a professional attire, the Prime X570 series cater to users with serious pursuits in mind, who prefer to put their Ryzen processors to more productive use. Prime X570, known for its all-around specs and ASUS signature features, includes a wide range of tuning options for accessible performance. Hosting the latest Ryzen processor with increased number of cores and bandwidth, the Prime X570 series is ready for action with stable power, intuitive cooling and flexible transfer options. It provides all the fundamentals to increase your everyday productivity. The 3rd Gen AMD Ryzen processors boast more cores and bandwidth, demanding more power than typical desktop CPUs. Prime X570-P is geared up for the demands of these high-core-count processors, offering a stable power to ensure optimal performance.

REPUBLIC OF GAMERS

ASUS X570 SERIES

NEXT-GEN EVERYTHING

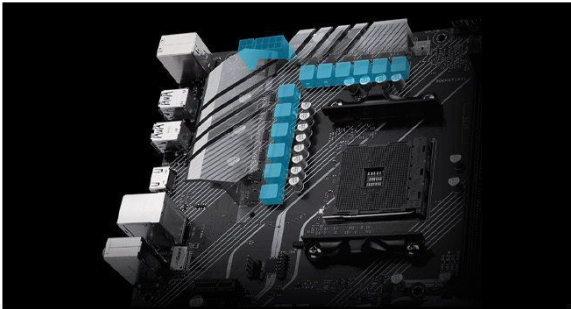
BEST IN CLASS

AX Wi-Fi Solution* | Memory Performance | VRM Design

TUF GAMING X570-PLUS | ROG CROSSHAIR VIII HERO | ROG STRIX X570-E GAMING | PRIME X570-PRO

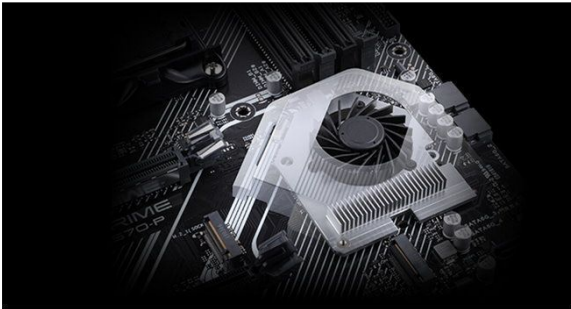
*AX Wi-Fi Solution available on select motherboards.

Asus Prime X570-Pro AM4 Zen 3 Ryzen 5000 & 3rd Gen Ryzen ATX Motherboard with PCIe Gen4, Dual M.2 HDMI, SATA 6GB/s USB 3.2 Gen 2



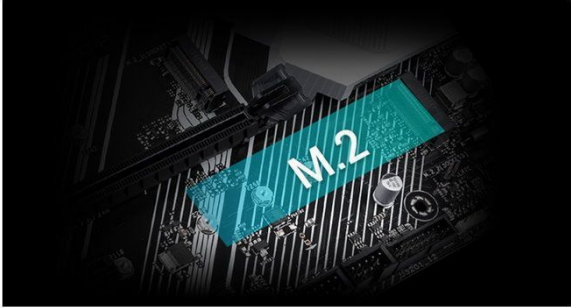
Power delivery enhancements

The 3rd Gen AMD Ryzen processors boast more cores and bandwidth, demanding more power than typical desktop CPUs. Prime X570-P is geared up for the demands of these high-core-count processors, offering a stable power to ensure optimal performance.



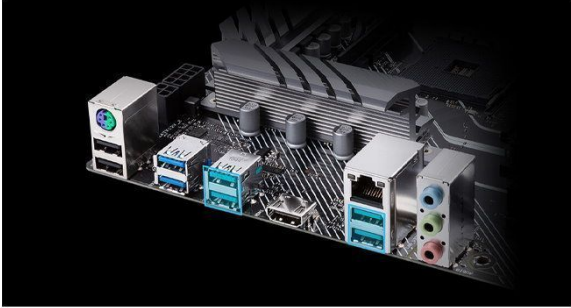
Active Chipset Heatsink Solution

PCIe 4.0 provides twice the bandwidth for data flowing through the chipset, which creates more heat than the previous generation. The Prime X570-P features an actively cooled heatsink to prevent throttling during sustained transfers.



Dual PCIe 4.0 M.2 slots

With PCIe 4.0 M.2 Slot supports 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 on the 3rd Generation AMD Ryzen platform.



Ultimate-speed 10Gbps with USB 3.2 Gen 2 onboard

With backward-compatible USB 3.2 Gen 2 Type-A, you'll experience ultimate connection flexibility and blazing data-transfer speeds of up to 10Gbps.



Cooler by design

Prime X570-P features comprehensive cooling controls, configurable via Fan Xpert 4 or the UEFI BIOS. Each header can dynamically reference 3 thermal sensors, and via Fan Xpert 4 you can even map the temperature of supported ASUS graphics cards to optimize cooling for GPU and CPU-intensive tasks.



Outshine the competition

ASUS Aura Sync offers full lighting connected via the motherboard's RGB headers, with a variety of functional presets for external LED strips. And it can all be synced with an ever-growing portfolio of Aura-capable ASUS hardware.

Features

- AMD X570
- BIOS update might require for AMD Zen 3 Ryzen 5000 series CPU
- Enhanced power solution: Components provide better power efficiency
- Industry-leading cooling options: Comprehensive controls for fans and AIO pump, via Fan Xpert 4 or the acclaimed UEFI
- ASUS OptiMem: Careful routing of traces and vias to preserve signal integrity for improved memory overclocking
- Next-gen connectivity: Supreme flexibility with PCIe Gen 4 support, dual M.2 support, USB 3.2 Gen 2 ports
- Aura Sync RGB header: Synchronize RGB header with a vast portfolio of compatible PC gear, including next-gen addressable RGB strips
- Enhanced power solution: components provide better power efficiency
- Industry-leading cooling options: comprehensive controls for fans and AIO pump, via fan Xpert 4 or the acclaimed UEFI
- Asus Optic-MEM: careful routing of traces and vias to preserve signal integrity for improved Memory overclocking
- Next-gen connectivity: supreme flexibility With PCIe Gen 4 support, Dual M. 2 support, USB 3. 2 Gen 2 ports
- Aura Sync RGB header: synchronize RGB header with a vast portfolio of compatible PC gear, including next-gen addressable RGB strips

Specifications

Specifications:

Model

Brand ASUS

Model PRIME X570-P

Supported CPU

CPU Socket Type AM4

CPU Type BIOS update might require for AMD Zen 3 Ryzen 5000 series CPU. Refer to ASUS website for CPU support list.

Chipsets

Chipset AMD X570

Memory

Number of Memory Slots 4×288pin

Memory Standard	3rd Gen AMD Ryzen Processors 4400(O.C.)/ 4266(O.C.)/ 4133(O.C.)/ 4000(O.C.)/ 3866(O.C.)/ 3733(O.C.)/ 3600(O.C.)/ 3466(O.C.)/ 3400(O.C.)/ 3200/ 3000/ 2933/ 2800/ 2666/ 2400/ 2133 MHz Un-buffered Memory 2nd Gen AMD Ryzen Processors DDR4 3600(O.C.)/ 3466(O.C.)/ 3400(O.C.)/ 3200(O.C.)/ 3000(O.C.)/ 2933/ 2800/ 2666/ 2400/ 2133 MHz Un-buffered Memory 2nd and 1st Gen AMD Ryzen with Radeon Vega Graphics Processors DDR4 3200(O.C.)/ 3000(O.C.)/ 2933/ 2800/ 2666/ 2400/ 2133 MHz Memory
------------------------	--

* Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists).
 * The maximum memory capacity supported vary depending on the CPU you installed.

Maximum Memory Supported 128GB

Channel Supported Dual Channel

Expansion Slots

PCI Express 4.0 x16	3rd Gen AMD Ryzen Processors 1 x PCIe 4.0 x16 (x16 mode) 2nd Gen AMD Ryzen Processors 1 x PCIe 3.0 x16 (x16 mode) 2nd and 1st Gen AMD Ryzen with Radeon Vega Graphics Processors 1 x PCIe 3.0 x16 (x8 mode)
----------------------------	--

AMD X570 chipset
 1 x PCIe 4.0 x16 (max at x4 mode)

PCI Express x1 3 x PCIe 4.0 x1

Storage Devices

SATA 6Gb/s 6 x SATA 6Gb/s

M.2	3rd Gen AMD Ryzen Processors: 1 x M.2_1 socket 3, with M Key, Type 2242/2260/2280 (PCIe 4.0 x4 and SATA modes) storage devices support 2nd Gen AMD Ryzen / 2nd and 1st Gen AMD Ryzen with Radeon Vega Graphics Processors: 1 x M.2_1 socket 3, with M Key, Type 2242/2260/2280 (PCIe 3.0 x4 and SATA modes) storage devices support
------------	--

AMD X570 chipset:
 1 x M.2_2 socket 3, with M Key, Type 2242/2260/2280/22110 (PCIe 4.0 x4 and SATA modes) storage devices support

SATA RAID 0/1/10

Onboard Video

Onboard Video Chipset	Integrated Graphics in the 2nd and 1st Gen AMD Ryzen with Radeon Vega Graphics Processors VGA output support: HDMI port - Supports HDMI 1.4b with max. resolution 4096 x 2160 @ 24 Hz
------------------------------	---

Onboard Audio

Audio Chipset	Realtek S1200A High Definition Audio CODEC
Audio Channels	8 Channels * Choose the chassis with HD audio module in front panel to support 8-channel audio output.

Onboard LAN

LAN Chipset	Realtek RTL8111H
--------------------	------------------

Max LAN Speed	10/100/1000Mbps
----------------------	-----------------

Rear Panel Ports

Back I/O Ports	1 x PS/2 keyboard/mouse combo port(s) 1 x HDMI 1 x LAN (RJ45) port(s) 2 x USB 2.0 3 x Audio jack(s) 2 x USB 3.2 Gen 1 (up to 5Gbps) ports Type-A 4 x USB 3.2 Gen 2 (up to 10Gbps) ports (Type-A*) * The USB ports under the LAN port can run at USB 3.2 Gen 2 speeds with 3rd Gen AMD Ryzen Processors
-----------------------	---

Internal I/O Connectors

Onboard USB	4 x USB 3.2 + 3 x USB 2.0
Other Connectors	2 x Aura RGB Strip Headers 1 x Addressable Gen 2 header(s) 1 x SPI TPM header 1 x COM port(s) connector(s) 1 x CPU Fan connector(s) (1 x 4-pin) 3 x Chassis Fan connector(s) (3 x 4-pin) 1 x PCH_FAN (1 x 4-pin) 1 x AIO_PUMP connector (1 x 4-pin) 1 x S/PDIF out header(s) 1 x Front panel audio connector(s) (AAFP) 1 x System panel(s) 1 x Clear CMOS jumper(s)

Physical Spec

Form Factor	ATX
LED Lighting	RGB
Dimensions (W x L)	12.0" x 9.6"

Power Pin	1 x 24-pin EATX Power connector(s) 1 x 8-pin ATX 12V Power connector(s) 1 x 4-pin ATX 12V Power connector(s)
------------------	--

Features

Multi-GPU Support:
3rd and 2nd Gen
AMD Ryzen / 2nd
and 1st Gen AMD
Ryzen with Radeon
Vega Graphics
Processors
Supports AMD 2-
Way CrossFireX
Technology

Special Features:
ASUS SX Protection
III:
- ASUS SafeSlot
Core: Fortified PCIe
Slot prevents
damage
- ASUS LANGuard:
Protects against
LAN surges,
lightning strikes and
static-electricity
discharges!
- ASUS Overvoltage
Protection: World-
class circuit-
protecting power
design
- ASUS Stainless-
Steel Back I/O: 3X
corrosion-resistance
for greater
durability!
- ASUS DIGI+ VRM -
Digital power design
with Dr. MOS
- ASUS Enhanced
DRAM Overcurrent
Protection - Short
circuit damage
prevention
- ASUS ESD Guards -
Enhanced ESD
protection
ASUS SafeSlot -
Protect your
graphics card
Investment
ASUS OptiMem:
- Improved DDR4
Stability
ASUS EPU:

Features

- EPU
AURA:
- Aura RGB Strip
Headers
- Aura Control
- Addressable Gen 2
Header
ASUS Exclusive
Features:
- AI Suite 3
- Ai Charger
- Armoury Crate
ASUS Quiet Thermal
Solution:
- Stylish Design:
MOS Heat-sink with
dual thermal pads
design, PCH Fan
and PCH Heatsink
- ASUS Fan Xpert 4
ASUS EZ DIY:
- ASUS CrashFree
BIOS 3
- ASUS EZ Flash 3
- ASUS UEFI BIOS EZ
Mode
ASUS Q-Design:
- ASUS Q-Slot
- ASUS Q-DIMM

BIOS:
256MB Flash ROM,
UEFI AMI BIOS, PnP,
SM BIOS 3.2, ACPI
6.2, Multi-language
BIOS, ASUS EZ Flash
3, CrashFree BIOS 3,
F6 Qfan Control, F3
My Favorites, Last
Modified log, F12
PrintScreen, F4
AURA ON/OFF, F9
Search and ASUS
DRAM SPD (Serial
Presence Detect)
memory
information

Manageability:
WOL by PME, PXE

Operating System:
Windows 10 64-bit

Packaging

	Accessories:
	User's manual
	I/O Shield
Package Contents	2 x SATA 6Gb/s cable(s)
	1 x M.2 Screw Package
	1 x Supporting DVD
	1 x Extension cable for Addressable LED

Additional Information

Date First Available July 08, 2019

Additional Information

Brand	ASUS
SKU	PRIME X570-P
Weight	5.0000
Processor Manufacturer	AMD
Chipset	X570

