

PRIME X570-P

Especificaciones



CPU

AMD AM4 Socket for AMD Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series/ 3000 G-Series/ 2000 Series/ 2000 G-Series Desktop Processors

* Refer to www.asus.com for CPU support list

* Due to CPU limitation, CPU cores supported varies by processors.

Chipset

AMD X570

Memoria

4 x DIMM, Max. 128GB, DDR4 5100(O.C.)/5000(O.C.)/4800(O.C.) /4600(O.C.)/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(O.C.)/3000(O.C.)/2933/2800/2666/2400/2133 MHz Un-buffered Memory

Dual Channel Memory Architecture

ECC Memory (ECC mode) support varies by CPU.

* Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists).

* The maximum memory capacity supported vary depending on the CPU you installed.

Gráficos

Integrated Graphics in AMD Ryzen™ 5000 G-Series/ 4000 G-Series/ 3000 G-Series/ 2000 G-Series Desktop Processors

VGA output support : HDMI port

Soporte Multi GPU

AMD Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series/ 3000 G-Series/ 2000 Series/ 2000 G-Series/ Desktop Processors

Supports AMD 2-Way CrossFireX™ Technology

Slots de Expansión

AMD Ryzen™ 5000 Series/ 3000 Series Desktop Processors

1 x PCIe 4.0 x16 (x16 mode)

AMD Ryzen™ 5000 G-Series/ 4000 G-Series/ 2000 Series Desktop Processors

1 x PCIe 3.0 x16 (x16 mode)

AMD Ryzen™ 3000 G-Series / 2000 G-Series Processors

1 x PCIe 3.0 x16 (x8 mode)

AMD X570 chipset

1 x PCIe 4.0 x16 (max at x4 mode)

3 x PCIe 4.0 x1

Almacenamiento

AMD Ryzen™ 5000 Series/ 3000 Series Desktop 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

AMD Ryzen™ 5000 G-Series/ 4000 G-Series/ 3000 G-Series/ 2000 Series/ 2000 G-Series Desktop 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

6 x SATA 6Gb/s port(s)

Support Raid 0, 1, 10

LAN

Realtek® RTL8111H
ASUS LAN Guard

Audio

Realtek S1200A 8-Channel High Definition Audio CODEC *
- Supports : Front Panel Jack-retasking, up to 24-Bit/192kHz playback
- Front panel audio connector (AAFP)

Audio Feature :

- Audio Shielding
- Dedicated audio PCB layers
- Premium Japanese-made audio capacitors

* Choose the chassis with HD audio module in front panel to support 8-channel audio output.

Puertos USB

AMD Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series/ 3000 G-Series/ 2000 Series/ 2000 G-Series Desktop Processors :

2 x USB 3.2 Gen 2 port(s) (2 at back panel, teal blue, Type-A *)

AMD Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series/ 3000 G-Series/ 2000 Series/ 2000 G-Series Desktop Processors :

2 x USB 3.2 Gen 1 port(s) (2 at back panel, blue, Type-A)

AMD X570 chipset :

2 x USB 3.2 Gen 2 port(s) (2 at back panel, teal blue, Type-A)

AMD X570 chipset :

4 x USB 3.2 Gen 1 port(s) (4 at mid-board)

AMD X570 chipset :

5 x USB 2.0 port(s) (2 at back panel, , 3 at mid-board)

* The USB ports under the LAN port can run at USB 3.2 Gen 2 speeds with AMD Ryzen™ 5000 Series/ 3000 Series Desktop Processors.

Características Especiales

ASUS 5X 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 :

- 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

Puertos I/O Traseros

- 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)

Internal I/O

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)

2 x Aura RGB Strip Headers

1 x Addressable Gen 2 header(s)

2 x USB 2.0 connector(s) support(s) additional 3 USB 2.0 port(s)

1 x M.2 Socket 3 with M Key, type 2242/2260/2280 storage devices support (SATA mode & X4 PCIE mode)

1 x M.2 Socket 3 with M Key, type 2242/2260/2280/22110 storage devices support (SATA mode & X4 PCIE mode)

1 x SPI TPM header

1 x COM port(s) connector(s)

6 x SATA 6Gb/s connector(s)

1 x S/PDIF out header(s)

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)

1 x Front panel audio connector(s) (AAFP)

1 x System panel(s)

1 x Clear CMOS jumper(s)

2 x USB 3.2 Gen 1 (up to 5Gbps) connector support additional 4 USB ports

Accessories

User's manual

I/O Shield

2 x SATA 6Gb/s cable(s)

1 x M.2 Screw Package

1 x Supporting DVD

1 x Extension cable for Addressable LED

BIOS

256 Mb 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

Capacidad de gestión WOL by PME, PXE

Sistema Operativo Windows® 10 64-bit

Factor de forma ATX Form Factor
12.0 inch x 9.6 inch (30.5 cm x 24.4 cm)
