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Asus AMD MB PRIME X570-PRO AM4

Šifra: 52669

Kategorija proizvoda: AMD matične ploče

Proizvođač: Asus

Cena: **37.880** rsd



Tip procesora: AMD
Podnožje: AMD® AM4
Čipset: AMD® X570
Format ploče: ATX

Podržani procesori: AMD AM4 Socket 3rd and 2nd AMD Ryzen™ /2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics Processors

Podržana memorija: DDR4

Memorija:

3rd Gen AMD Ryzen™ Processors

4 x DIMM, Max. 128GB, DDR4

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 MHz Un-buffered Memory

2nd Gen AMD Ryzen™ Processors

4 x DIMM, Max. 128GB, 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

4 x DIMM, Max. 128GB, DDR4 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.

Multi-GPU podrška: 3rd and 2nd Gen AMD Ryzen™ Processors

Supports NVIDIA® 2-Way SLI® Technology

Supports AMD 3-Way CrossFireX™ Technology

2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics Processors

Supports AMD 2-Way CrossFireX™ Technology

Integrirana grafička karta:

Integrated Graphics in the 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics Processors

Multi-VGA output support : HDMI/DisplayPort ports

- Supports HDMI 2.0b with maximum resolution of 4096 x 2160 @ 60 Hz

- Supports DisplayPort 1.2 with max. resolution 4096 x 2160 @ 60 Hz

Slotovi za proširenje:

3rd Gen AMD Ryzen™ Processors

2 x PCIe 4.0 x16 (x16 or dual x8)

2nd Gen AMD Ryzen™ Processors

2 x PCIe 3.0 x16 (x16 or dual x8)

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)

3 x PCIe 4.0 x1

Storage:

3rd Gen AMD Ryzen™ Processors :

1 x M.2_1 socket 3, with M Key, Type 2242/2260/2280/22110(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 2242/2260/2280/22110(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

Mrežna karta:

Intel® I211-AT

ASUS LAN Guard

Zvučna karta:

Realtek® S1220A 8-Channel High Definition Audio CODEC featuring Crystal Sound 3

- Impedance sense for front and rear headphone outputs

- Internal audio Amplifier to enhance the highest quality sound for headphone and speakers

- Supports : Jack-detection, Multi-streaming, Front Panel Jack-retasking

- High quality 120 dB SNR stereo playback output and 113 dB SNR recording input (Line-in)

- Front panel audio connector (AAFP)

- Supports up to 32-Bit/192kHz playback *

Audio Feature :

- Optical S/PDIF out port(s) at back panel

- Audio Shielding: Ensures precision analog/digital separation and greatly reduced multi-lateral interference

- Dedicated audio PCB layers: Separate layers for left and right channels to guard the quality of the sensitive audio signals

- Premium Japanese-made audio capacitors: Provide warm, natural and immersive sound with exceptional clarity and fidelity

- EMI protection cover to prevent electrical noise to affect the amplifier quality

USB:

3rd and 2nd Gen AMD Ryzen™ /2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics Processors :

4 x USB 3.2 Gen 1 port(s) (4 at back panel, blue, Type-A)

AMD X570 chipset :

1 x USB 3.2 Gen 2 front panel connector port(s)

AMD X570 chipset :

4 x USB 3.2 Gen 2 port(s) (4 at back panel, teal blue, 3 x Type-A+1 x Type-C)

AMD X570 chipset :

2 x USB 3.2 Gen 1 port(s) (2 at mid-board)

AMD X570 chipset :

4 x USB 2.0 port(s) (4 at mid-board)

Konektori na zadnjoj strani:

1 x PS/2 keyboard/mouse combo port(s)

1 x DisplayPort

1 x HDMI

1 x LAN (RJ45) port(s)

1 x Optical S/PDIF out

5 x Audio jack(s)

4 x USB 3.2 Gen 1 (up to 5Gbps) ports Type-A

3 x USB 3.2 Gen 2 (up to 10Gbps) ports (Type-A)
1 x USB 3.2 Gen 2 (up to 10Gbps) ports (Type-C)

Interni konektori:

2 x Aura RGB Strip Headers
1 x Addressable Gen 2 header(s)
2 x USB 2.0 connector(s) support(s) additional 4 USB 2.0 port(s)
2 x M.2 Socket 3 with M Key, type 2242/2260/2280/22110 storage devices support (SATA mode & PCIE mode)
1 x SPI TPM header
1 x COM port(s) connector(s)
6 x SATA 6Gb/s connector(s)
1 x CPU Fan connector(s) (1 x 4 -pin)
1 x CPU OPT 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 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 Power-on button(s)
1 x Clear CMOS jumper(s)
1 x Node Connector(s)
1 x Water Pump header (4-pin)
1 x T_Sensor Connector
1 x USB 3.2 Gen 2 (up to 10Gbps) connector
1 x USB 3.2 Gen 1 (up to 5Gbps) connector support additional 2 USB ports

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, F11 EZ Tuning Wizard, 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

Ostalo:

5-Way Optimization by Dual Intelligent Processors 5
- 5-Way Optimization tuning key perfectly consolidates TPU Insight, EPU Guidance, DIGI+ VRM, Fan Expert 4, and Turbo App
DIGI+ VRM: Digital power design with Dr. MOS
EPU Guidance
TPU Insight
Fan Xpert4
- Fan Xpert 4 featuring Fan Auto Tuning function and multiple thermistors selection for optimized system cooling control
Turbo App: system performance tuning, network priority, and audio scene configuration for selected applications.

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

AURA :

- Aura Lighting Control
- Aura RGB Strip Headers
- Addressable Gen 2 Header

ASUS Exclusive Features :

- AI Suite 3
- Ai Charger
- Turbo LAN
- Armoury Crate
- Pre-mounted I/O Shield

ASUS Quiet Thermal Solution :

- Stylish Design: MOS Heat-sink with dual thermal pads design, PCH Fan, PCH and M.2 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-LED (CPU, DRAM, VGA, Boot Device LED)
- ASUS Q-Slot
- ASUS Q-DIMM
- ASUS Q-Connector