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MB AM5 ASUS TUF GAMING X870-PLUS WIFI

Šifra: 100600
Kategorija prozivoda: Matične ploče
Proizvođač: ASUS

Cena: 37.280,00



Model
TUF

GAMING X870-PLUS WIFI

News & Updates

Please visit our GLOBAL website to check and download the latest updates.
CPU
AMD Socket AM5 for AMD Ryzen™ 9000 & 8000 & 7000 Series Desktop Processors*
* Refer to https://www.asus.com/support/download-center/ for CPU support list.
Chipset
AMD X870 Chipset
Memory
4 x DIMM slots, max. 256GB, DDR5
Supports up to 8000+MT/s(OC) with Ryzen™ 9000 & 8000 & 7000 Series Processors
ECC and Non-ECC, Un-buffered DIMM*
Dual channel memory architecture
Supports AMD Extended Profiles for Overclocking (EXPO™)
ASUS Enhanced Memory Profile (AEMP)
* Adjustments will be made based on the specifications of mass-produced memory products available on the market.
* Supported memory types, data rate (speed), and number of DRAM modules vary depending on the CPU and memory configuration, for more information please refer to CPU/Memory Support list under the Support tab of product information site or
visit https://www.asus.com/support/download-center/.
* Non-ECC, un-buffered DDR5 memory supports On-Die ECC function.
Graphics
1 x HDMI™ port**
2 x USB4® (40Gbps) ports support USB Type-C® display outputs***
* Graphics specifications may vary between CPU types. Please refer to AMD CPU specifications.
** Supports 4K@60Hz as specified in HDMI 2.1.
*** Supports max. 4K@60Hz as specified in DisplayPort 1.4a.
**** VGA resolution support depends on processors' or graphic cards' resolution.
Expansion Slots
AMD Ryzen™ 9000 & 7000 Series Desktop Processors*
1 x PCIe 5.0 x16 slot (supports x16 mode)**
AMD Ryzen™ 8000 Series Desktop Processors
1 x PCIe 4.0 x16 slot (supports x8/x4 mode)***
AMD X870 Chipset
1 x PCIe 4.0 x16 slot (supports x4 mode)****
* Please check the PCIe bifurcation table on the support site (https://www.asus.com/support/FAQ/1037507/).
** The PCIEX16(G5) shares bandwidth with M.2_2. The PCIEX16(G5) will run to x8 mode when M.2_2 runs.
*** Specifications vary by CPU types.
**** The PCIEX16(G4) shares bandwidth with M.2_4. The PCIEX16(G4) will be disabled when M.2_4 runs.
- To ensure compatibility of the device installed, please refer to https://www.asus.com/support/download-center/ for the list of supported peripherals.
Storage

Total Supports 4 x M.2 slots and 2 x SATA 6Gb/s ports*
AMD Ryzen™ 9000 & 7000 Series Desktop Processors
M.2_1 slot (Key M), type 2280 (supports PCIe 5.0 x4 mode)
M.2_2 slot (Key M), type 2280 (supports PCIe 5.0 x4 mode)**
AMD Ryzen™ 8000 Series Desktop Processors
M.2_1 slot (Key M), type 2280 (supports PCIe 4.0 x4 mode)
M.2_2 slot not support
AMD X870 Chipset
M.2_3 slot (Key M), type 2280 (supports PCIe 4.0 x4 mode)
M.2_4 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4 mode)***
2 x SATA 6Gb/s ports
* AMD RAIDXpert2 Technology supports both PCIe RAID 0/1/5/10 and SATA RAID 0/1. RAID 5 Function is only supported by AMD Ryzen™ 9000 series CPU.
** The PCIEX16(G5) shares bandwidth with M.2_2. The PCIEX16(G5) will run to x8 mode when M.2_2 runs.
*** The PCIEX16(G4) shares bandwidth with M.2_4. The PCIEX16(G4) will be disabled when M.2_4 runs.
Ethernet
1 x Realtek 2.5Gb Ethernet
TUF LANGuard
Wireless & Bluetooth
Wi-Fi 7*
2x2 Wi-Fi 7 (802.11be)
Supports 2.4/5/6GHz frequency band**
Supports Wi-Fi 7 160MHz bandwidth, up to 2.9Gbps transfer rate.
Bluetooth® v5.4***
*Wi-Fi features may vary depending on the operating system
For Windows 11, Wi-Fi 7 will require 24H2 or later version for full functions, Windows 11 21H2/22H2/23H2 only support Wi-Fi 6E.
** Wi-Fi 6GHz frequency band and bandwidth regulatory may vary between countries.
*** The Bluetooth® version may vary, please refer to the Wi-Fi module manufacturer's website for the latest specifications.
USB
Rear USB (Total 10 ports)
2 x USB4® (40Gbps) ports (2 x USB Type-C®)*
3 x USB 10Gbps ports (3 x Type-A)
4 x USB 5Gbps ports (4 x Type-A)
1 x USB 2.0 port (1 x Type-A)
Front USB (Total 7 ports)
1 x USB 20Gbps connector (supports USB Type-C® with up to 30W PD Fast-charge)**
1 x USB 5Gbps header supports 2 additional USB 5Gbps ports
2 x USB 2.0 headers support 4 additional USB 2.0 ports
* USB Type-C® power delivery output: max. 5V/3A
** USB Type-C® power delivery output: 5V/9V max. 3A, 12V max. 2.5A, 15V max. 2A.
Audio
Realtek ALC1220P 7.1 Surround Sound High Definition Audio CODEC
- 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)
- Supports up to 32-Bit/192 kHz playback*
Audio Features
- Audio Shielding
- Premium audio capacitors
- Dedicated audio PCB layers
- Audio cover
- Unique de-pop circuit
* Due to limitations in HDA bandwidth, 32-Bit/192 kHz is not supported for 7.1 Surround Sound audio.
Back Panel I/O Ports
2 x USB4® (40Gbps) (2 x USB Type-C®) ports
3 x USB 10Gbps ports (3 x Type-A)
4 x USB 5Gbps ports (4 x Type-A)
1 x USB 2.0 port (1 x Type-A)
1 x HDMI™ port
1 x Wi-Fi module
1 x Realtek 2.5Gb Ethernet port
5 x Audio jacks
1 x BIOS FlashBack™ button
Internal I/O Connectors
Fan and Cooling Related
1 x 4-pin CPU Fan header
1 x 4-pin CPU OPT Fan header

1 x 4-pin AIO Pump header
4 x 4-pin Chassis Fan headers
1 x W_PUMP+ header
Power Related
1 x 24-pin Main Power connector
2 x 8-pin +12V CPU Power connectors
Storage Related
4 x M.2 slots (Key M)
2 x SATA 6Gb/s ports
USB
1 x USB 20Gbps connector (supports USB Type-C® with up to 30W PD Fast-charge)
1 x USB 5Gbps header supports 2 additional USB 5Gbps ports
2 x USB 2.0 headers support 4 additional USB 2.0 ports
Miscellaneous
3 x Addressable Gen 2 headers
1 x Clear CMOS header
1 x Chassis Intrusion header
1 x COM Port header
1 x Front Panel Audio header (F_AUDIO)
1 x 10-1 pin Front System Panel header
1 x Thermal Sensor header
Special Features
ASUS TUF PROTECTION
- DIGI+ VRM (- Digital power design with SPS)
- ESD Guards
- TUF LANGuard
- Overvoltage protection
- SafeSlot
- Stainless-steel back I/O
ASUS Q-Design
- M.2 Q-Latch
- PCIe Slot Q-Release
- Q-Antenna
- Q-Dashboard
- Q-DIMM
- Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green])
- Q-Slot
ASUS Thermal Solution
- M.2 heatsinks
- VRM heatsink design
ASUS EZ DIY
- BIOS FlashBack™ button
- BIOS FlashBack™ LED
- ProCool
- Pre-mounted I/O shield
- SafeDIMM
Aura Sync
- Addressable Gen 2 headers
Front Panel USB 20Gbps with PD Fast Charge Support
- Support: up to 30W fast charging and USB Wattage Watcher
- Output: 5V/9V max. 3A, 12V max. 2.5A, 15V max. 2A
- Compatible with PD3.0
Software Features
ASUS Exclusive Software
Armoury Crate
- Aura Creator
- Aura Sync
- Fan Xpert 4 (with AI Cooling II)
- Power Saving
ASUS DriverHub
ASUS GlideX
USB Wattage Watcher
TurboV Core
TUF GAMING CPU-Z
DTS Audio Processing
Norton 360 for Gamers (60 Days Free Trial)
WinRAR (40 Days Free Trial)
UEFI BIOS
AI Overclocking Guide
ASUS EZ DIY
- ASUS CrashFree BIOS 3
- ASUS EZ Flash 3
- ASUS UEFI BIOS EZ Mode
- ASUS MyHotkey

BIOS
256 Mb Flash ROM, UEFI AMI BIOS
Manageability
WOL by PME, PXE
Accessories
Cables
2 x SATA 6Gb/s cables
Miscellaneous
1 x ASUS WiFi Q-Antenna
2 x M.2 rubber packages
1 x Screw package for M.2 SSD
1 x TUF GAMING sticker
Documentation
1 x Quick start guide
Operating System
Windows 11
Form Factor
ATX Form Factor
12 inch x 9.6 inch (30.5 cm x 24.4 cm)

Cene su informativnog karaktera. Prodavac ne odgovara za tačnost cena iskazanih na sajtu, zadržava pravo izmena cena. Ponudu za ostale artikle, informacije o stanju lagera i aktuelnim cenama možete dobiti na upit. Plaćanje se isključivo vrši virmanski - bezgotovinski.