

ASUS ROG CROSSHAIR X870E EXTREME AMD X870E Socket AM5 Extended ATX

Gamintojas: **ASUS** · Modelis: **90MB1LB0-M0EAY0** · EAN: **4711387984963** · Prekės kodas: **585283**



1 159,91 €

Kaina su PVM

Be PVM: **958,60 €**

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ AMD Socket AM5 AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series
- ✓ PC Extended ATX AMD X870E Realtek ALC4082 7.1 channels
- ✓ DDR5-SDRAM 4 DIMM Maximum internal memory: 256 GB
- ✓ HDD & SSD M.2, SATA III, SlimSAS RAID support Number of storage drives supported: 10
- ✓ BIOS type: UEFI AMI 512 Mbit
- ✓ 5 Gigabit Ethernet, 10 Gigabit Ethernet Wi-Fi Wi-Fi 7 (802.11be) Bluetooth 5.4



Aprašymas

ROG Crosshair X870E Extreme

The ROG Crosshair X870E Extreme is the flagship AMD Ryzen™ 9000 series motherboard, designed for the most discerning users. It provides the ultimate foundation for AM5 CPUs, DDR5 memory, and PCIe® 5.0 components to ensure maximum performance and future-readiness. Its comprehensive connectivity includes USB4®, and the integrated 5-inch LCD offers a unique way to monitor system performance or add a touch of personalized style.

ASUS AI CACHE BOOST

Supercharge your large language model(LLM) workflows with AI Cache Boost. Exclusive to ASUS AMD 800 Series and 600 Series motherboards using AMD Ryzen™ 9000 Series Granite Ridge CPUs, this BIOS feature intelligently enhances cache efficiency, delivering up to 12.75% faster performance

for your LLM tasks.

Techninė specifikacija

Specifications	
Sandėlio grupė	Motherboards Socket-AM5 [+66][-54]
Processor	
Processor manufacturer	AMD
Processor socket	Socket AM5
Compatible processor series	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series
Supported processor sockets	Socket AM5
Memory	
Supported memory types	DDR5-SDRAM
Number of memory slots	4
Maximum internal memory	256 GB
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Unbuffered memory	Yes
Storage controllers	
Supported storage drive interfaces	M.2, SATA III, SlimSAS
Supported storage drive types	HDD & SSD
Number of storage drives supported	10
RAID support	Yes
RAID levels	0, 1, 5, 10
Graphics	
Parallel processing technology support	Not supported
On-board graphics card	No
Internal I/O	
USB 2.0 connectors	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors	2
USB 3.2 Gen 2 (3.1 Gen 2) connectors	1
Number of SATA III connectors	4
USB 3.2 Gen 2x2 connectors	1
Number of SATA II connectors	0

Number of SATA connectors	0
Front panel audio connector	Yes
Front panel connector	Yes
ATX Power connector (24-pin)	Yes
CPU fan connector	Yes
Number of chassis fan connectors	2
EPS power connector (8-pin)	Yes
12V power connector	Yes
RGB LED pin header	Yes
Rear panel I/O ports	
USB 2.0 ports quantity	0
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	0
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	0
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	8
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Ethernet LAN (RJ-45) ports	2
VGA (D-Sub) ports quantity	0
HDMI ports quantity	1
DVI-D ports quantity	0
USB4 Gen 3x2 ports quantity	2
PS/2 ports quantity	1
S/PDIF out port	Yes
WiFi-AP antenna jack	1
Network	
Wi-Fi	Yes
Ethernet LAN	Yes
Ethernet interface type	5 Gigabit Ethernet, 10 Gigabit Ethernet
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Bluetooth	Yes
Bluetooth version	5.4
Features	
Component for	PC
Motherboard form factor	Extended ATX
Motherboard chipset family	AMD

Motherboard chipset	AMD X870E
Audio output channels	7.1 channels
Audio chip	Realtek ALC4082
Product colour	Black
Windows operating systems supported	Windows 11
Expansion slots	
PCI Express x16 (Gen 4.x) slots	2
PCI Express x16 (Gen 5.x) slots	2
Number of M.2 (M) slots	5
1st M.2 largest key size	22110
1st M.2 highest PCI Express generation	5
2nd M.2 largest key size	2280
2nd M.2 highest PCI Express generation	5
3rd M.2 largest key size	22110
3rd M.2 highest PCI Express generation	5
4th M.2 largest key size	22110
4th M.2 highest PCI Express generation	4
5th M.2 largest key size	22110
5th M.2 highest PCI Express generation	4
BIOS	
BIOS type	UEFI AMI
BIOS memory size	512 Mbit
Packaging data	
Package width	380 mm
Package depth	320 mm
Package height	125 mm
Package weight	5.66 kg
Weight & dimensions	
Width	305 mm
Depth	277 mm
Packaging content	
Cables included	SATA
Antenna included	Yes
Drivers included	Yes

Other features

mSATA ports quantity

0

Audio output

ROG SupremeFX 7.1 Surround Sound High Definition Audio CODEC ALC4082*
 - Impedance sense for front and rear headphone outputs
 - Supports: Jack-detection, Multi-streaming, Front Panel MIC Jack-retasking
 - High quality 120 dB SNR stereo playback output and 110 dB SNR recording input
 - Supports up to 32-Bit/384 kHz playback on front panel
Audio Features
- SupremeFX Shielding Technology
- ESS[®] ES9219 QUAD DAC
- LED-illuminated audio jacks
- Rear optical S/PDIF out port
- Premium audio capacitors
*
A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output.
*
The LINE OUT port on the rear panel does not support spatial audio. If you wish to use spatial audio, make sure to connect your audio output device to the audio jack on the front panel of your chassis or use a USB interface audio device.

Special features

Supports up to 5 x M.2 slots and 1 x SlimSAS connector and 4 x SATA 6Gb/s ports*
AMD Ryzen™ 9000 & 7000 Series Desktop Processors
M.2_1 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 5.0 x4 mode)
M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 5.0 x4 mode)**
M.2_3 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 5.0 x4 mode)**
AMD Ryzen™ 8000 Series Desktop Processors
M.2_1 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4 mode)
M.2_2 slot (Key M), type 2242/2260/2280 (Not supports)
M.2_3 slot (Key M), type 2242/2260/2280/22110 (Not supports)
AMD X870E Chipset
DIMM.2_1 slot (Key M) via ROG Q-DIMM.2, type 2230/2242/2260/2280/22110 (supports PCIe 4.0 x4 mode)
DIMM.2_2 slot (Key M) via ROG Q-DIMM.2, type 2230/2242/2260/2280/22110 (supports PCIe 4.0 x4 mode)
SlimSAS connector supports PCIe 4.0 x4 mode via an SFF-8654 adapter cable. The cable is purchased separately.
4 x SATA 6Gb/s ports
*
Specifications vary by CPU types.
*
When M.2_2 is enabled, but M.2_3 is not in use, PCIeX16_1 will run in x8 mode and PCIeX16_2 will be disabled.
*
When M.2_3 is enabled, but M.2_2 is not in use, PCIeX16_1 will run in x8 mode and PCIeX16_2 will run in x4 mode.
*
When both M.2_2 and M.2_3 are enabled, PCIeX16_1 will run in x8 mode and PCIeX16_2 will be disabled.

Other features

4 x DIMM slots, max. 256GB, DDR5
 Supports up to
 8200+MT/s(OC) with Ryzen™ 9000 Series Processors,
 9000+MT/s(OC) with Ryzen™ 8000 Series Processors,
 8000+MT/s(OC) with Ryzen™ 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)
NitroPath DRAM Technology
*
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 theSupport 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 output

1 x HDMITM 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.

Matmenys ir svoris	
Matmenys (l × p × A)	13,00cm × 33,00cm × 38,00cm
Svoris	5,28kg