

ASUS ROG CROSSHAIR X870E APEX AMD X870E AM5 pieslēgvietā ATX

Zīmols : ASUS

Preces kods: 90MB1KR0-M0AAY0

Modeļa nosaukums : ROG CROSSHAIR X870E APEX

ASUS ROG CROSSHAIR X870E APEX. Procesora ražotājs: AMD, Procesora ligzda: AM5 pieslēgvietā, Savietojami procesori: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Atbalstītās atmiņas veidi: DDR5-SDRAM, Maksimālā iekšējā atmiņa: 128 GB, Atmiņas slotu tips: DIMM. Atbalstītie glabāšanas diska interfeisi: M.2, SATA III, Atbalstītie atmiņas disku veidi: HDD & SSD, RAID līmeņi: 0, 1, 5, 10. Ethernet interfeisa tips: 5 Gigabit Ethernet, Wi-Fi standarts: Wi-Fi 7 (802.11be), Wi-Fi standartu: Wi-Fi 7 (802.11be). Komponente: PC (dators), Mātes plates formas faktors: ATX, Mātesplates mikroshēmojuma saime: AMD



Procesors		Paplašināšanas sloti	
Procesora ražotājs *	AMD	PCI Express X1 (Gen 3.x) sloti	1
Procesora ligzda *	AM5 pieslēgvietā	PCI Express x4 (Gen 4.x) sloti	1
Savietojami procesori *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	PCI Express x16 (Gen 4.x) ligzdas	2
		PCI Express x16 (Gen 5.x) sloti	2
Atbalstītās procesoru ligzdas	AM5 pieslēgvietā	M.2 (M) slotu skaits	5
		Pirmais M.2 lielākais atslēgas izmērs	2280
Atmiņa		Pirmā M.2 augstākā PCI Express paaudze	5.0
Atbalstītās atmiņas veidi *	DDR5-SDRAM	Otrais M.2 lielākais atslēgas izmērs	2280
Atmiņas slotu skaits *	2	Otrā M.2 augstākā PCI Express paaudze	5.0
Atmiņas slotu tips	DIMM	Trešais M.2 lielākais atslēgas izmērs	2280
Atmiņas kanāli	Duālais kanāls	Trešā M.2 augstākā PCI Express paaudze	5.0
ECC savietojamība	Ar ECC un bez ECC	Ceturtais M.2 lielākais atslēgas izmērs	22110
Maksimālā iekšējā atmiņa *	128 GB	Ceturta M.2 augstākā PCI Express paaudze	4.0
Nebuferēta atmiņa	✓	Piektais M.2 lielākais atslēgas izmērs	22110
Uzglabāšanas kontrolieri		Piektā M.2 augstākā PCI Express paaudze	4.0
Atbalstītie atmiņas disku veidi	HDD & SSD	Piektais M.2 lielākais atslēgas izmērs	22110
Atbalstītie glabāšanas diska interfeisi *	M.2, SATA III	Piektā M.2 augstākā PCI Express paaudze	4.0
Atbalstāmo cieto disku skaits	4	BIOS	
Atbalstītais uzglabāšanas diskdziņu skaits	9	BIOS tips *	UEFI AMI
Atbalsta RAID	✓	BIOS atmiņas izmērs	512 Mbit
RAID līmeņi	0, 1, 5, 10	Informācija par iepakojumu	
Grafika		Iepakojuma platums	370 mm
Paralēlās apstrādes tehnoloģijas atbalsts *	Netiek atbalstīts	Iepakojuma dziļums	312 mm
Integrēts grafikas adapteris	✗	Iepakojuma augstums	108 mm
		Iepakojuma svars	4,16 kg

Iekšējie I/O		Svars&dimensijas	
USB 2.0 savienotāji *	2	Platums	305 mm
USB 3.2 Gen 1 (3.1 Gen 1) savienotāji *	2	Dziļums	244 mm
USB 3.2 Gen 2x2 konektori	2	Iepakojuma saturs	
SATA III savienotāju skaits *	4	Pievienoti kabeli	SATA
Priekšējā paneļa audio savienotājs	✓	Antena iekļauta	✓
Priekšējā paneļa savienotājs	✓	Skrūves iekļautas	✓
ATX Power savienotājs	✓	Draiveri iekļauti	✓
CPU ventilatora savienojums	✓	Papildus informācija	
Komutatora ventilatoru skaits	2	"ROG SupremeFX 7.1 Surround Sound High Definition Audio CODEC ALC4080" - 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 - Savitech SV3H712 AMP - Gold-plated audio jacks - Rear optical S/PDIF out port - Premium audio capacitors - Audio cover * 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. Supports 5 x M.2 slots and 4 x SATA 6Gb/s ports* AMD Ryzen™ 9000 & 7000 Series Desktop Processors M.2_1 slot (Key M), type 2242/2260/2280 (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 (supports PCIe 5.0 x4 mode)** AMD Ryzen™ 8000 Series Desktop Processors M.2_1 slot (Key M), type 2242/2260/2280 (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 (Not supports) AMD X870E Chipset DIMM.2_1 slot (Key M), type 2230/2242/2260/2280/22110 (supports PCIe 4.0 x4 mode) DIMM.2_2 slot (Key M), type 2230/2242/2260/2280/22110 (supports PCIe 4.0 x4 mode) 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.	
EPS barošanas savienotājs (8-pin)	✓		
12V strāvas savienotājs	✓		
RGB LED tapu savienotājs	✓		
RGM LED kontaktu turētāju skaits	3		
Aizmugurējā paneļa I/O porti			
USB 3.2 Gen 1 (3.1 Gen 1) A tipa pieslēgvietu skaits *	2	Audio izeja	
USB 3.2 Gen 2 (3.1 Gen 2) A tipa pieslēgvietu skaits *	5		
USB 3.2 Gen 2 (3.1 Gen 2) C tipa pieslēgvietu skaits *	1		
USB4 Gen 3x2 portu skaits	2		
Ethernet LAN (RJ-45) pieslēgvietu skaits *	1		
PS/2 pieslēgvietu skaits	1		
S/PDIF out pieslēgvietā	✓		
WiFi-AP antenas spraudnis	1		
Tīklošana		Īpašās funkcijas	
Ethernet/LAN savienojums	✓		
Ethernet interfeisa tips	5 Gigabit Ethernet		
Wi-Fi *	✓		
Wi-Fi standarts	Wi-Fi 7 (802.11be)		
Wi-Fi standartu	Wi-Fi 7 (802.11be)		
Bluetooth	✓		
Bluetooth versija	5.4		
Īpašības			
Mātes plates chipset *	AMD X870E		
Audio izvades kanāli *	7.1 kanāli		
Produkta krāsa	Melns		
Komponente *	PC (dators)		
Mātes plates formas faktors *	ATX		
Mātesplates mikroshēmojuma saime *	AMD		
Atbalstītās Windows operētājsistēmas	Windows 11		

Papildus informācija	
Citas funkcijas	2 x DIMM slots, max. 128GB, DDR5 Supports up to 8200+MT/s(OC) with Ryzen™ 9000 Series Processors, 9600+MT/s(OC) with Ryzen™ 8000 Series Processors 8000+MT/s(OC) with Ryzen™ 7000 Series Processors, ECC and Non-ECC, Un-buffered Memory* Dual channel memory architecture Supports AMD Extended Profiles for Overclocking (EXPO™) ASUS Enhanced Memory Profile (AEMP) * 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.
Grafikas izeja	2 x USB4® (40Gbps) ports support USB Type-C® display outputs* Graphics specifications may vary between CPU types. Please refer to AMD CPU specifications. VGA resolution support depends on processors' or graphic cards' resolution. *Supports max. 4K@60Hz as specified in DisplayPort 1.4a



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