ASUS ROG CROSSHAIR X870E APEX AMD X870E Soket AM5 ATX

Marka : ASUS

Ürün kodu: 90MB1KR0-M0AAY0

Ürün Adı : ROG CROSSHAIR X870E APEX

ASUS ROG CROSSHAIR X870E APEX. İşlemci üreticisi: AMD, İşlemci soketi: Soket AM5, İşlemcilerle uyumlu: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Destekli hafıza türü: DDR5-SDRAM, Maksimum bellek: 128 GB, Hafıza alanı türü: DIMM. Desteklenen depolama sürücüsü arayüzleri: M.2, SATA III, Desteklenen depolama sürücüsü tipleri: HDD & SSD, RAID seviyesi: 0, 1, 5, 10. Ethernet arayüz türü: 5 Gigabit Ethernet, Wi-Fi standardı: Wi-Fi 7 (802.11be), Wi-Fi standartları: Wi-Fi 7 (802.11be). Bileşen: PC, Anakart form faktörü: ATX, Analevha yonga kümesi ailesi: AMD

İşlemci	
İşlemci üreticisi *	AMD
İşlemci soketi *	Soket AM5
İşlemcilerle uyumlu *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series
Desteklenen işlemci prizleri	Soket AM5

Hafıza	
Destekli hafıza türü *	DDR5-SDRAM
Bellek yuvalarının sayısı *	2
Hafıza alanı türü	DIMM
Hafıza kanalları	Çift kanallı
ECC uyumluluğu	ECC & ECC olmayan
Maksimum bellek *	128 GB
Tamponsuz hafıza	✓

Depolama yöneticisi	
Desteklenen depolama sürücüsü tipleri	HDD & SSD
Desteklenen depolama sürücüsü arayüzleri *	M.2, SATA III
Desteklenen sabit sürücü sayısı	4
Desteklenen saklama sürücüsü sayısı	9
RAID desteği	✓
RAID seviyesi	0, 1, 5, 10

Grafik	
Paralel işleme teknolojisi desteği *	Desteklenmez
Entegre grafik kartı	✗

Genişletme yuvaları	
PCI Express x4 (Gen 4.x) yuvaları	1
PCI Express x16 (Gen 4.x) yuvaları	2
PCI Express x16 (Gen 5.x) yuvaları	2
M.2 (M) yuvalarının sayısı	5
1. M.2 en büyük anahtar boyutu	2280
1. M.2 en yüksek PCI Express nesli	5.0
2. M.2 en büyük anahtar boyutu	2280
2. M.2 en yüksek PCI Express nesli	5.0
3. M.2 en büyük anahtar boyutu	2280
3. M.2 en yüksek PCI Express nesli	5.0
4. M.2 en büyük anahtar boyutu	22110
4. M.2 en yüksek PCI Express nesli	4.0
5. M.2 en büyük anahtar boyutu	22110
5. M.2 en yüksek PCI Express nesli	4.0

BIOS	
BIOS tipi *	UEFI AMI
BIOS hafıza boyutu	512 Mbit

Ambalajlama bilgisi	
Ambalaj genişliği	370 mm
Ambalaj derinliği	312 mm
Ambalaj yüksekliği	108 mm
Paket ağırlığı	4,16 kg

Ağırlık & boyutlar	
Genişlik	305 mm
Derinlik	244 mm

Paket içeriği	
Pakete dahil kablolar	SATA

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Dahili I/O	
USB 2.0 bağlayıcıları *	2
USB 3.2 Gen 1 (3.1 Gen 1) konnektörleri *	2
USB 3.2 Gen 2x2 konnektörleri	2
SATA III bağlantı sayısı *	4
Ön panel ses bağlayıcısı	✔
Ön panel konektörü	✔
ATX güç bağlayıcı (24-pin)	✔
CPU fan bağlayıcı	✔
Şasi fanı bağlayıcı sayısı	2
EPS güç bağlantısı (8-iğne)	✔
12V güç konnektörü	✔
RGB LED pim başlığı	✔
RGB LED pin başlıklarının sayısı	3

Arka panel I/O portları	
USB 3.2 Gen 1 (3.1 Gen 1) Tip-A port sayısı *	2
USB 3.2 Gen 2 (3.1 Gen 2) Tip-A port sayısı *	5
USB 3.2 Gen 2 (3.1 Gen 2) Tip-C port sayısı *	1
USB4 Gen 3x2 bağlantı noktası sayısı	2
Ethernet LAN (RJ-45) port sayısı *	1
PS/2 bağlantı noktaları	1
S/PDIF çıkışı	✔
WiFi-AP anten soketi	1

Ağ Bağlantıları	
Ethernet LAN bağlantısı	✔
Ethernet arayüz türü	5 Gigabit Ethernet
Wi-Fi *	✔
Wi-Fi standardı	Wi-Fi 7 (802.11be)
Wi-Fi standartları	Wi-Fi 7 (802.11be)
Bluetooth	✔
Bluetooth versiyonu	5.4

Özellikler	
Anakart yongası *	AMD X870E
Ses çıkış kanalı sayısı *	7.1 kanallar
Ürün rengi	Siyah
Bileşen *	PC
Anakart form faktörü *	ATX
Analevha yonga kümesi ailesi *	AMD
Desteklenen Windows çalışma sistemleri	Windows 11

Genişletme yuvaları	
PCI Express x1 (Gen 3.x) yuvası	1

Paket içeriği	
Anten dahil	✔
Vidalar dahil	✔
Sürücüler dahil	✔

Diğer özellikler	
Ses çıktısı	"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.
Ayarlanabilir özellikler	**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.
Diğer özellikler	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.

Diğer özellikler	
Grafik çıktısı	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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