

ASUS ROG CROSSHAIR X870E EXTREME AMD X870E Zócalo AM5 ATX extendida

Marca : ASUS

Código del producto: 90MB1LB0-M0EAY0

Nombre del producto : ROG CROSSHAIR X870E
EXTREME



ASUS ROG CROSSHAIR X870E EXTREME. Fabricante de procesador: AMD, Socket de procesador: Zócalo AM5, Procesador compatible: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. tipos de memoria compatibles: DDR5-SDRAM, Memoria interna máxima: 256 GB, Tipo de ranuras de memoria: DIMM. Interfaces de disco de almacenamiento soportados: M.2, SATA III, SlimSAS, Tipos de unidades de almacenamiento admitidas: HDD & SSD, Niveles RAID: 0, 1, 5, 10. Tipo de interfaz ethernet: 5 Gigabit Ethernet, 10 Gigabit Ethernet, Estándar Wi-Fi: Wi-Fi 7 (802.11be), Wi-Fi estándares: Wi-Fi 7 (802.11be). Componente para: PC, Factor de forma: ATX extendida, Familia del chipset: AMD

Procesador		Ranuras de expansión	
Fabricante de procesador *	AMD	Ranuras PCI Express x16 (Gen 4.x)	2
Socket de procesador *	Zócalo AM5	Ranuras PCI Express x16 (Gen 5.x)	2
Procesador compatible *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Número de ranuras M.2 (M)	5
Sockets de procesador soportados	Zócalo AM5	Tamaño más grande de llave de la primera M.2	22110
Memoria		Generación más alta de PCI Express de la primera M.2	5.0
tipos de memoria compatibles *	DDR5-SDRAM	Tamaño más grande de llave de la segunda M.2	2280
Número de ranuras de memoria *	4	Generación más alta de PCI Express de la segunda M.2	5.0
Tipo de ranuras de memoria	DIMM	Tamaño más grande de llave de la tercera M.2	22110
Canales de memoria	Doble canal	Generación más alta de PCI Express de la tercera M.2	5.0
Compatibilidad de ECC	ECC y no ECC	Tamaño más grande de llave de la cuarta M.2	22110
Memoria interna máxima *	256 GB	Generación más alta de PCI Express de la cuarta M.2	4.0
Memoria sin buffer	✓	Tamaño más grande de llave de la quinta M.2	22110
Reguladores del almacenaje		Generación más alta de PCI Express de la quinta M.2	4.0
Tipos de unidades de almacenamiento admitidas	HDD & SSD	Tamaño más grande de llave de la quinta M.2	22110
Interfaces de disco de almacenamiento soportados *	M.2, SATA III, SlimSAS	Generación más alta de PCI Express de la quinta M.2	4.0
Número de unidades de almacenamiento compatibles	10	BIOS	
Compatibilidad con RAID	✓	Tipos de BIOS *	UEFI AMI
Niveles RAID	0, 1, 5, 10	BIOS, tamaño de memoria	512 MB/s
Gráficos		Empaquetado	
Soporte para proceso paralelo *	No compatible	Ancho del paquete	380 mm
Adaptador gráfico incorporado	✗	Profundidad del paquete	320 mm
Interno I/O		Altura del paquete	125 mm
USB 2.0, conectores *	2	Peso del paquete	5,66 kg

Interno I/O		Peso y dimensiones	
Conectores USB 3.2 Gen 1 (3.1 Gen 1) *	2	Ancho	305 mm
Conectores USB 3.2 Gen 2 (3.1 Gen 2) *	1	Profundidad	277 mm
Conectores USB 3.2 Gen 2x2	1	Contenido del embalaje	
Número de conectores SATA III *	4	Cables incluidos	SATA
Conector de audio en panel frontal	✓	Antena incluida	✓
Conector de panel delantero	✓	Controladores incluidos	✓
Conector de potencia ATX (24 pines)	✓	Otras características	
Conector de ventilador CPU	✓	ROG SupremeFX 7.1 Surround Sound High Definition Audio CODEC ALC4082*	
Número de conectores a ventilador de chasis	2	- Impedance sense for front and rear headphone outputs	
Conector de energía EPS (8-pin)	✓	- Supports: Jack-detection, Multi-streaming, Front Panel MIC Jack-retasking	
Conector eléctrico de 12 V	✓	- High quality 120 dB SNR stereo playback output and 110 dB SNR recording input	
Conector para tiras LED RGB	✓	- Supports up to 32-Bit/384 kHz playback on front panel	
Panel trasero Puertos de I/O (entrada/salida)		Audio Features	
Cantidad de puertos tipo A USB 3.2 Gen 2 (3.1 Gen 2) *	8	- SupremeFX Shielding Technology	
Cantidad de puertos tipo C USB 3.2 Gen 2 (3.1 Gen 2) *	2	- ESS® ES9219 QUAD DAC	
Número de puertos USB4 Gen 3x2	2	- LED-illuminated audio jacks	
Ethernet LAN (RJ-45) cantidad de puertos *	2	- Rear optical S/PDIF out port	
Puerto de ratón PS/2	1	- Premium audio capacitors	
Número de puertos HDMI *	1	* A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output.	
Puerto de salida S/PDIF	✓	** 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.	
Conector para antena WiFi-AP	1	Salida de audio	
Conexión		Supports up to 5 x M.2 slots and 1 x SlimSAS connector and 4 x SATA 6Gb/s ports*	
Ethernet	✓	AMD Ryzen™ 9000 & 7000 Series Desktop Processors	
Tipo de interfaz ethernet	5 Gigabit Ethernet, 10 Gigabit Ethernet	M.2_1 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 5.0 x4 mode)	
Wifi *	✓	M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 5.0 x4 mode)**	
Estándar Wi-Fi	Wi-Fi 7 (802.11be)	M.2_3 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 5.0 x4 mode)**	
Wi-Fi estándares	Wi-Fi 7 (802.11be)	AMD Ryzen™ 8000 Series Desktop Processors	
Bluetooth	✓	M.2_1 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4 mode)	
Versión de Bluetooth	5.4	M.2_2 slot (Key M), type 2242/2260/2280 (Not supports)	
Características		M.2_3 slot (Key M), type 2242/2260/2280/22110 (Not supports)	
Chipset *	AMD X870E	AMD X870E Chipset	
Chip de sonido	Realtek ALC4082	DIMM.2_1 slot (Key M) via ROG Q-DIMM.2, type 2230/2242/2260/2280/22110 (supports PCIe 4.0 x4 mode)	
Canales de salida de audio *	7.1 canales	DIMM.2_2 slot (Key M) via ROG Q-DIMM.2, type 2230/2242/2260/2280/22110 (supports PCIe 4.0 x4 mode)	
Color del producto	Negro	SlimSAS connector supports PCIe 4.0 x4 mode via an SFF-8654 adapter cable. The cable is purchased separately.	
Componente para *	PC	4 x SATA 6Gb/s ports	
Factor de forma *	ATX extendida	* Specifications vary by CPU types.	
Familia del chipset *	AMD	** When M.2_2 is enabled, but M.2_3 is not in use, PCIe16_1 will run in x8 mode and PCIe16_2 will be disabled.	
Sistema operativo Windows soportado	Windows 11	** When M.2_3 is enabled, but M.2_2 is not in use, PCIe16_1 will run in x8 mode and PCIe16_2 will run in x4 mode.	
		** When both M.2_2 and M.2_3 are enabled, PCIe16_1 will run in x8 mode and PCIe16_2 will be disabled.	

Otras características

Otras características	<p>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.</p>
Producción gráfica	<p>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.</p>



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