

ASUS ROG CROSSHAIR X670E GENE AMD X670 Socket AM5 micro ATX

Brand : ASUS

Product code: 90MB1B80-M0EAY0

Product name : ROG CROSSHAIR X670E GENE

ROG CROSSHAIR X670E GENE Gaming Mainboard Socket AMD AM5 (Ryzen 7000, micro-ATX, DDR5 Speicher, 3x M.2, USB 3.2 Gen 2x2, 2x USB 4, PCIe 5.0, WiFi 6E, Aura Sync)

ASUS ROG CROSSHAIR X670E GENE. Processor manufacturer: AMD, Processor socket: Socket AM5, Supported processor sockets: Socket AM5. Supported memory types: DDR5-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 6E (802.11ax), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E.... Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: AMD



Processor		Network	
Processor manufacturer *	AMD	Wi-Fi *	✓
Processor socket *	Socket AM5	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Supported processor sockets	Socket AM5	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Memory		Bluetooth	✓
Supported memory types *	DDR5-SDRAM	Bluetooth version	5.3
Number of memory slots *	2	Features	
Memory slots type	DIMM	Motherboard chipset *	AMD X670
Memory channels	Dual-channel	Audio chip	Realtek ALC4080
ECC	✓	Audio output channels *	7.1 channels
Non-ECC	✓	Component for *	PC
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	Motherboard form factor *	micro ATX
Supported memory clock speed (max)	6400 MHz	Motherboard chipset family *	AMD
Maximum internal memory *	64 GB	Power source type	ATX
Unbuffered memory	✓	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Storage controllers		Expansion slots	
Supported storage drive types	HDD & SSD	PCI Express x1 slots	1
Supported storage drive interfaces *	M.2, SATA III	PCI Express x16 (Gen 5.x) slots	1
RAID support	✓	Number of M.2 (M) slots	3
RAID levels	0, 1, 10	BIOS	
Graphics		BIOS type *	UEFI AMI
Parallel processing technology support *	Not supported	BIOS memory size	256 Mbit
Internal I/O		Clear CMOS button	✓
USB 2.0 connectors *	2	Packaging data	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Package width	367 mm
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Package depth	291 mm
Number of SATA III connectors *	4	Package height	74 mm
S/PDIF out connector	✓	Package weight	3.08 kg
Front panel audio connector	✓		
Front panel connector	✓		

Internal I/O		Weight & dimensions	
ATX Power connector (24-pin)	✓	Width	244 mm
CPU fan connector	✓	Depth	244 mm
Number of chassis fan connectors	4	Packaging content	
EPS power connector (8-pin)	✓	Cables included	SATA
12V power connector	✓	User guide	✓
RGB LED pin header	✓	Drivers included	✓
Rear panel I/O ports		Other features	
USB 2.0 ports quantity *	2	Special features	ROG Exclusive Software - GameFirst VI - ROG CPU-Z - ROG True Voltician - Sonic Studio III + Sonic Studio Virtual Mixer + Sonic Suite Companion - Sonic Radar III - DTS® Sound Unbound - BullGuard Internet Security (1-year full version) ASUS Exclusive Software Armoury Crate - AIDA64 Extreme (1 year full version) - Aura Creator - Aura Sync - Fan Xpert 4 with AI Cooling II - Power Saving - Two-Way AI Noise Cancellation AI Suite 3 - TPU - DIGI+ Power Control - Turbo app - PC Cleaner MyAsus WinRAR UEFI BIOS ASUS EZ DIY - ASUS CrashFree BIOS 3 - ASUS EZ Flash 3 - ASUS UEFI BIOS EZ Mode
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	5		
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1		
USB4 Gen 2x2 ports quantity	2		
Ethernet LAN (RJ-45) ports *	1		
PS/2 ports quantity	1		
Headphone outputs	1		
Microphone in	✓	Packaging content	Cables 1 x RGB extension cable 2 x SATA 6Gb/s cables ROG GEN-Z.2 with Heatsink 1 x ROG GEN-Z.2 with heatsink 1 x M.2 pad for ROG GEN-Z.2 2 x M.2 screw package for ROG GEN-Z.2 ROG True Voltician 1 x ROG True Voltician 4 x cables for ROG True Voltician Additional Cooling Kit 1 x Thermal pad for M.2 Miscellaneous 1 x ASUS Wi-Fi moving antennas 1 x Q-connector 1 x M.2 Q-Latch package for M.2 backplate 1 x ROG Graphics card holder 1 x ROG key chain 1 x ROG stickers 1 x ROG thank you card 1 x Rubber Package for M.2 backplate Installation Media 1 x USB drive with utilities and drivers Documentation 1 x User guide
Network			
Ethernet LAN	✓		
Ethernet interface type	2.5 Gigabit Ethernet		



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