

GIGABYTE X870E AORUS PRO emaplaat AMD X870E Protsessoripesa AM5 ATX

Brand : GIGABYTE

Product code: X870E AORUS PRO

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GIGABYTE X870E AORUS PRO. Protsessori tootja: AMD, Protsessori pesa: Protsessoripesa AM5, Ühilduvad protsessoriseeriad: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Toetatud mälutüübid: DDR5-SDRAM, Maksimaalne sisemälu: 256 GB, Mälupesatüüp: DIMM. Kõvaketta ühenduse tüüp: M.2, SATA III, Toetatud ketaste tüübid: HDD & SSD, RAID-tasemed: 0, 1, 10. Ethernet-liidese tüüp: 2.5 Gigabit Ethernet, LAN-kontroller: Realtek RTL8125, Wi-Fi standard: Wi-Fi 7 (802.11be). Komponent: PC, Emaplaadi kujutegur: ATX, Emaplaadi kiibistik: AMD



Processor		Network	
Processor manufacturer *	AMD	LAN controller	Realtek RTL8125
Processor socket *	Socket AM5	Wi-Fi *	✓
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Supported processor sockets	Socket AM5	Wi-Fi standards	Wi-Fi 7 (802.11be)
Maximum internal memory supported by processor	256 GB	WLAN controller model	Qualcomm QCNCM865
Memory		Bluetooth	✓
Supported memory types *	DDR5-SDRAM	Bluetooth version	5.3
Number of memory slots *	4	Features	
Memory slots type	DIMM	Motherboard chipset *	AMD X870E
Memory channels	Dual-channel	Audio chip	Realtek ALC1220
ECC compatibility	Non-ECC	Audio output channels *	7.1 channels
Supported memory clock speeds	4400,4800,5600,6000,6400,6600,6666,6800,7000,7200,7800,8000,8200 MHz	Product colour	Black
Supported memory clock speed (max)	8200 MHz	PC health monitoring	Fan, Temperature, Voltage
Maximum internal memory *	256 GB	Component for *	PC
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 12GB, 24GB, 32GB	Motherboard form factor *	ATX
Unbuffered memory	✓	Motherboard chipset family *	AMD
Maximum internal memory per slot	64 GB	Windows operating systems supported	Windows 11 x64
Storage controllers		Expansion slots	
Supported storage drive types	HDD & SSD	PCI Express x4 slots	2
Supported storage drive interfaces *	M.2, SATA III	PCI Express x16 (Gen 3.x) slots	1
Number of HDDs supported	4	PCI Express x16 (Gen 4.x) slots	1
Number of storage drives supported	8	PCI Express x16 (Gen 5.x) slots	1
RAID support	✓	Number of M.2 (M) slots	4
RAID levels	0, 1, 10	1st M.2 largest key size	25110
Graphics		1st M.2 highest PCI Express generation	5.0
Parallel processing technology support *	Not supported	2nd M.2 largest key size	22110
On-board graphics card	✗		

Graphics		Expansion slots	
DirectX version	12.0	2nd M.2 highest PCI Express generation	5.0
Internal I/O		3rd M.2 largest key size	22110
USB 2.0 connectors *	2	3rd M.2 highest PCI Express generation	5.0
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	4th M.2 largest key size	22110
USB 3.2 Gen 2x2 connectors	1	4th M.2 highest PCI Express generation	4.0
Number of SATA III connectors *	4	BIOS	
Front panel audio connector	✓	BIOS type *	UEFI AMI
Front panel connector	✓	BIOS memory size	256 Mbit
ATX Power connector (24-pin)	✓	ACPI version	5.0
CPU fan connector	✓	Clear CMOS jumper	✓
Number of CPU fan connectors	2	Clear CMOS button	✓
Number of chassis fan connectors	6	Desktop Management Interface (DMI) version	2.7
EPS power connector (8-pin)	✓	System Management BIOS (SMBIOS) version	2.7
Number of EPS power connectors (8-pin)	1	Logistics data	
TPM connector	✓	Country of origin	China
Number of water pump connectors	2	Products per shipping (inner) case	1 pc(s)
RGB LED pin header	✓	Battery	
Number of RGB LED pin headers	4	Battery weight	3 g
Rear panel I/O ports		Lithium weight per battery	0.07 g
USB 2.0 ports quantity *	2	Number of battery cells	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Battery type	CR2032
USB4 Gen 2x2 ports quantity	2	Packaging data	
Ethernet LAN (RJ-45) ports *	1	Package width	345 mm
HDMI ports quantity *	1	Package depth	294 mm
HDMI version	2.1	Package height	80 mm
DisplayPort version	1.4	Package weight	2.74 kg
Headphone outputs	1	Weight & dimensions	
Microphone in	✓	Width	305 mm
S/PDIF out port	✓	Depth	244 mm
WiFi-AP antenna jack	2	Height	35 mm
Network		Packaging content	
Ethernet LAN	✓	Batteries included	✓
Ethernet interface type	2.5 Gigabit Ethernet	Antenna included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Weight	2.4 kg
		Technical details	
		Warranty period	3 year(s)



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