

GIGABYTE X870E AORUS PRO ICE Motherboard - Supports AMD Ryzen 9000 CPUs, 16+2+2 Phases Digital VRM, up to 8000MHz DDR5 (OC), 3xPCIe 5.0 + 1xPCIe 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4



Brand : GIGABYTE

Product code: X870E AORUS PRO ICE

Product name : X870E AORUS PRO ICE Motherboard - Supports AMD Ryzen 9000 CPUs, 16+2+2 Phases Digital VRM, up to 8000MHz DDR5 (OC), 3xPCIe 5.0 + 1xPCIe 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4

X870E AORUS PRO ICE Motherboard - Supports AMD Ryzen 9000 CPUs, 16+2+2 Phases Digital VRM, up to 8000MHz DDR5 (OC), 3xPCIe 5.0 + 1xPCIe 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4

[GIGABYTE X870E AORUS PRO ICE Motherboard - Supports AMD Ryzen 9000 CPUs, 16+2+2 Phases Digital VRM, up to 8000MHz DDR5 \(OC\), 3xPCIe 5.0 + 1xPCIe 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4:](#)

Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge

| | | | |
|--|--|--|---------------------------|
| 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 QCNM865 |
| 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 | 4400,4800,5600,6000,6200,6400,6600,6800,7000,7600,7800,8000,8200 MHz | Product colour | White |
| 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 | ✗ | 2nd M.2 highest PCI Express generation | 5.0 |
| DirectX version | 12.0 | | |

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



4719331864798



0889523045275



889523045275

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.