

GIGABYTE X870 AORUS ELITE WIFI7 Motherboard - Supports AMD Ryzen 9000 CPUs, 16+2+2 phases VRM, up to 8000MHz DDR5 (OC), 3xPCIe 5.0 + 1xPCIe 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4

Brand : GIGABYTE

Product code: X870 A ELITE WIFI7

Product name : X870 AORUS ELITE WIFI7 Motherboard - Supports AMD Ryzen 9000 CPUs, 16+2+2 phases VRM, up to 8000MHz DDR5 (OC), 3xPCIe 5.0 + 1xPCIe 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4



X870 AORUS ELITE WIFI7 Motherboard - Supports AMD Ryzen 9000 CPUs, 16+2+2 phases VRM, up to 8000MHz DDR5 (OC), 3xPCIe 5.0 + 1xPCIe 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4

GIGABYTE X870 AORUS ELITE WIFI7 Motherboard - Supports AMD Ryzen 9000 CPUs, 16+2+2 phases 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 | Ethernet LAN | ✓ |
| Processor socket * | Socket AM5 | Ethernet interface type | 2.5 Gigabit Ethernet |
| Compatible processor series * | AMD Ryzen™ 7 | Wi-Fi * | ✓ |
| Supported processor sockets | Socket AM5 | Top Wi-Fi standard | Wi-Fi 7 (802.11be) |
| Maximum internal memory supported by processor | 256 GB | Wi-Fi standards | Wi-Fi 7 (802.11be) |
| Memory | | WLAN controller model | MediaTek MT7925 |
| Supported memory types * | DDR5-SDRAM | Features | |
| Number of memory slots * | 4 | Motherboard chipset * | AMD X870 |
| Memory slots type | DIMM | Audio chip | Realtek ALC1220 |
| Memory channels | Dual-channel | Audio output channels * | 7.1 channels |
| Non-ECC | ✓ | Product colour | Black |
| Supported memory clock speeds | 4400,4800,5200,5600,6000,6200,6400,6600,6666,6800,7000,7200,7600,7800,8000 MHz | PC health monitoring | Fan, Temperature, Voltage |
| Supported memory clock speed (max) | 8000 MHz | Component for * | PC |
| Maximum internal memory * | 256 GB | Motherboard form factor * | ATX |
| Supported memory module capacities | 1GB, 2GB, 4GB, 8GB, 16GB, 24GB, 32GB | Motherboard chipset family * | AMD |
| Storage controllers | | Windows operating systems supported | Windows 11 x64 |
| Supported storage drive types | HDD & SSD | Expansion slots | |
| Supported storage drive interfaces * | M.2, SATA III | PCI Express x4 slots | 2 |
| Number of HDDs supported | 8 | PCI Express x16 (Gen 5.x) slots | 1 |
| Number of storage drives supported | 4 | Number of M.2 (M) slots | 4 |
| RAID support | ✓ | BIOS | |
| RAID levels | 0, 1, 10 | BIOS type * | UEFI AMI |
| Graphics | | BIOS memory size | 256 Mbit |
| On-board graphics card | ✗ | ACPI version | 5.0 |
| DirectX version | 12.0 | Clear CMOS jumper | ✓ |
| Internal I/O | | Clear CMOS button | ✓ |
| USB 2.0 connectors * | 2 | Desktop Management Interface (DMI) version | 2.7 |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 2 | System Management BIOS (SMBIOS) version | 2.7 |
| USB 3.2 Gen 2x2 connectors | 1 | | |
| Number of SATA III connectors * | 4 | | |
| Total number of SATA connectors | 4 | | |
| ATX Power connector (24-pin) | ✓ | | |

| Internal I/O | | Logistics data | |
|---|---|------------------------------------|---|
| EPS power connector (8-pin) | ✓ | Country of origin | China |
| TPM connector | ✓ | Products per shipping (inner) case | 1 pc(s) |
| RGB LED pin header | ✓ | 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 | 335 mm |
| DisplayPorts quantity | 2 | Package depth | 270 mm |
| Microphone in | ✓ | Package height | 80 mm |
| S/PDIF out port | ✓ | Package weight | 2.74 kg |
| | | Weight & dimensions | |
| | | Width | 305 mm |
| | | Depth | 244 mm |
| | | Height | 35 mm |
| | | Packaging content | |
| | | Batteries 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) |



4719331864811

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.

Publication date: 25-OCT-2024. Prints or copies of Information are only valid on the printed Publication date