

GIGABYTE X870E AORUS ELITE WIFI7 Motherboard - Supports AMD Ryzen 9000 CPUs, 16+2+2 Phases Digital VRM, up to 8000Hz DDR5 (OC), 3xPCIe 5.0 + 1xPCIe 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4

Brand : GIGABYTE

Product code: X870E A ELITE WIFI7

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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 | Wi-Fi * | ✓ |
| Processor socket * | Socket AM5 | Top Wi-Fi standard | Wi-Fi 7 (802.11be) |
| Compatible processor series * | AMD Ryzen™ 7 | Wi-Fi standards | Wi-Fi 7 (802.11be) |
| Supported processor sockets | Socket AM5 | WLAN controller model | MediaTek MT7925 |
| Maximum internal memory supported by processor | 256 GB | Features | |
| Memory | | Motherboard chipset * | AMD X870E |
| Supported memory types * | DDR5-SDRAM | Audio chip | Realtek ALC1220 |
| Number of memory slots * | 4 | Audio output channels * | 7.1 channels |
| Memory slots type | DIMM | Product colour | Black |
| Memory channels | Dual-channel | PC health monitoring | CPU, Fan, Temperature, Voltage |
| Supported memory clock speeds | 4400,4800,5200,5600,6000,6200,6400,6600,6666,6800,7000,7200,7600,7800,8000 MHz | Component for * | PC |
| Supported memory clock speed (max) | 8000 MHz | Motherboard form factor * | ATX |
| Maximum internal memory * | 256 GB | Motherboard chipset family * | AMD |
| Supported memory module capacities | 1GB, 2GB, 4GB, 8GB, 16GB, 24GB, 32GB | 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 5.x) slots | 1 |
| Number of HDDs supported | 8 | Number of M.2 (M) slots | 4 |
| Number of storage drives supported | 4 | BIOS | |
| RAID support | ✓ | BIOS type * | UEFI AMI |
| RAID levels | 0, 1, 10 | BIOS memory size | 256 Mbit |
| Graphics | | 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 | Logistics data | |
| Number of SATA III connectors * | 4 | Country of origin | China |
| Total number of SATA connectors | 4 | Products per shipping (inner) case | 1 pc(s) |
| ATX Power connector (24-pin) | ✓ | | |
| CPU fan connector | ✓ | | |
| EPS power connector (8-pin) | ✓ | | |

| Rear panel I/O ports | | Battery | |
|---|----------------------|--------------------------------|---|
| USB 2.0 ports quantity * | 2 | Battery weight | 3 g |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 | Lithium weight per battery | 0.07 g |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 2 | Number of battery cells | 1 |
| USB4 Gen 2x2 ports quantity | 2 | Battery technology | Lithium-Manganese Dioxide (LiMnO2) |
| Ethernet LAN (RJ-45) ports * | 1 | Battery type | CR2032 |
| HDMI ports quantity * | 1 | Packaging data | |
| DisplayPorts quantity | 2 | Package width | 345 mm |
| Microphone in | ✓ | Package depth | 294 mm |
| S/PDIF out port | ✓ | Package height | 80 mm |
| Network | | Package weight | 2.74 kg |
| Ethernet LAN | ✓ | Weight & dimensions | |
| Ethernet interface type | 2.5 Gigabit Ethernet | 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) |



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