

Gigabyte X670E AORUS XTREME Motherboard - Supports Intel Core 14th CPUs, 18+2+2 Phases Digital VRM, up to 8000MHz DDR5 (OC), 4xPCIe 5.0 M.2, Wi-Fi 6E, 10GbE LAN, USB 3.2 Gen 2x2

Brand : Gigabyte

Product code: X670E AORUS XTREME

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Socket AM5, AMD X670, 4 x DDR5, Wi-Fi 6E, Bluetooth 5.3, 6 x SATA III, HDM, RJ-45, E-ATX

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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 technology.



| 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 * | ✓ |
| Maximum number of SMP processors | 1 | Top Wi-Fi standard | Wi-Fi 6E (802.11ax) |
| Maximum internal memory supported by processor | 192 GB | 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 | | WLAN controller model | Intel Wi-Fi 6E AX210 |
| Supported memory types * | DDR5-SDRAM | Bluetooth | ✓ |
| Number of memory slots * | 4 | Bluetooth version | 5.3 |
| Memory slots type | DIMM | Features | |
| Memory channels | Dual-channel | Motherboard chipset * | AMD X670 |
| Supported memory clock speeds | 4400,4800,5200,5600,6000,6200,6400,6600,6666,6800,7000,7200,7600,7800,8000 MHz | Audio output channels * | 7.1 channels |
| Supported memory clock speed (max) | 8000 MHz | Component for * | PC |
| Maximum internal memory * | 192 GB | Motherboard form factor * | ATX |
| Storage controllers | | Motherboard chipset family * | AMD |
| Supported storage drive types | HDD & SSD | Windows operating systems supported | Windows 10 Home x64, Windows 11 x64 |
| Supported storage drive interfaces * | M.2, SATA II | Expansion slots | |
| Number of HDDs supported | 6 | PCI Express x16 (Gen 3.x) slots | 1 |
| Number of storage drives supported | 10 | PCI Express x16 (Gen 4.x) slots | 1 |
| RAID levels | 0, 1, 10 | Number of M.2 (M) slots | 4 |
| Graphics | | BIOS | |
| Parallel processing technology support * | Crossfire | BIOS type * | UEFI AMI |
| DirectX version | 12.0 | BIOS memory size | 256 Mbit |
| Internal I/O | | ACPI version | 5.0 |
| USB 2.0 connectors * | 2 | Clear CMOS jumper | ✓ |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 2 | Clear CMOS button | ✓ |
| USB 3.2 Gen 2x2 connectors | 1 | Desktop Management Interface (DMI) version | 2.7 |
| Number of SATA III connectors * | 6 | System Management BIOS (SMBIOS) version | 2.7 |
| Total number of SATA connectors | 6 | | |
| Audio connector | ✓ | | |
| Front panel connector | ✓ | | |

| Internal I/O | | Logistics data | |
|---|-----|------------------------------------|------------------------------------|
| CPU fan connector | ✓ | Country of origin | Taiwan |
| Chassis intrusion 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 * | 4 | Lithium weight per battery | 0.07 g |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 6 | Number of battery cells | 1 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 | Battery technology | Lithium-Manganese Dioxide (LiMnO2) |
| USB 3.2 Gen 2x2 Type-C ports quantity | 1 | Battery type | CR2032 |
| Ethernet LAN (RJ-45) ports * | 1 | Packaging data | |
| HDMI ports quantity * | 1 | Package width | 255 mm |
| HDMI version | 2.0 | Package depth | 350 mm |
| S/PDIF out port | ✓ | Package height | 445 mm |
| | | Package weight | 4.54 kg |
| | | Weight & dimensions | |
| | | Width | 305 mm |
| | | Depth | 269 mm |
| | | Height | 35 mm |
| | | Packaging content | |
| | | Cables included | SATA |
| | | Batteries included | ✓ |
| | | Drivers included | ✓ |
| | | Technical details | |
| | | Warranty period | 3 year(s) |



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