GIGABYTE

# GIGABYTE X870 EAGLE WIFI7 Motherboard - Supports AMD Ryzen 9000 CPUs, 14+2+2 phases VRM, up to 8000MHz DDR5 (OC), 1xPCIe 5.0 + 2xPCIe 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4

**Brand :** GIGABYTE

**Product code:** X870 EAGLE WIFI7

**Product name :** X870 EAGLE WIFI7 Motherboard - Supports AMD Ryzen 9000 CPUs, 14+2+2 phases VRM, up to 8000MHz DDR5 (OC), 1xPCIe 5.0 + 2xPCIe 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4

- AMD Socket AM5: Supports AMD Ryzen 9000 Series, 8000 Series, 7000 Series Processors
- Digital twin 14+2+2 phases VRM solution
- Dual Channel DDR5□4DIMMs with AMD EXPO Memory Module Support
- PCIe Gen5 x16 with PCIe UD Slot X & EZ-Latch Plus
- Ultra-Fast Storage: 3*M.2 slots, including 1* PCIe 5.0 x4
- Efficient Overall Thermal: VRM Thermal Armor Advanced & M.2 Thermal Guard
- Extended Connectivity: Dual USB4 Type-C with DP-Alt, HDMI
- Fast Networking: 2.5GbE LAN & Wi-Fi 7 with Ultra-high gain antenna
X870 EAGLE WIFI7 Motherboard - Supports AMD Ryzen 9000 CPUs, 14+2+2 phases VRM, up to 8000MHz DDR5 (OC), 1xPCIe 5.0 + 2xPCIe 4.0, Wi-Fi 7, 2.5GbE LAN, USB 4

GIGABYTE X870 EAGLE WIFI7 Motherboard - Supports AMD Ryzen 9000 CPUs, 14+2+2 phases VRM, up to 8000MHz DDR5 (OC), 1xPCIe 5.0 + 2xPCIe 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

| | |
|---|---|
| Processor manufacturer * | AMD |
| Processor socket * | Socket AM5 |
| Compatible processor series * | AMD Ryzen™ 7 |
| Supported processor sockets | Socket AM5 |
| Maximum internal memory supported by processor | 256 GB |

### Memory

| | |
|---|---|
| Supported memory types * | DDR5-SDRAM |
| Number of memory slots * | 4 |
| Memory slots type | DIMM |
| Memory channels | Dual-channel |
| Non-ECC | ✓ |
| Supported memory clock speeds | 4400,4800,5200,5600,6000,6200,6400,6600,6666,6800,7000,7200,7600,7800,8000 MHz |
| Supported memory clock speed (max) | 8000 MHz |
| Maximum internal memory * | 256 GB |
| Supported memory module capacities | 1GB, 2GB, 4GB, 8GB, 16GB, 24GB, 32GB, 40GB, 48GB, 64GB |

## Storage controllers

| | |
|---|---|
| Supported storage drive types | HDD & SSD |
| Supported storage drive interfaces * | M.2, SATA III |
| Number of HDDs supported | 7 |
| Number of storage drives supported | 4 |
| RAID support | ✓ |
| RAID levels | 0, 1, 10 |

## Graphics

| | |
|---|---|
| On-board graphics card | ✗ |
| DirectX version | 12.0 |

## Internal I/O

| | |
|---|---|
| USB 2.0 connectors * | 2 |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 |
| USB 3.2 Gen 2x2 connectors | 1 |
| Number of SATA III connectors * | 4 |

## Network

| | |
|---|---|
| Ethernet LAN | ✓ |
| Ethernet interface type | 2.5 Gigabit Ethernet |
| Wi-Fi * | ✓ |
| Top Wi-Fi standard | Wi-Fi 7 (802.11be) |
| Wi-Fi standards | Wi-Fi 7 (802.11be) |
| WLAN controller model | MediaTek MT7925 |
| Bluetooth | ✓ |
| Bluetooth version | 5.4 |

## Features

| | |
|---|---|
| Motherboard chipset * | AMD X870 |
| Audio output channels * | 7.1 channels |
| Product colour | Black |
| PC health monitoring | Fan, Temperature, Voltage |
| Component for * | PC |
| Motherboard form factor * | ATX |
| Motherboard chipset family * | AMD |
| Windows operating systems supported | Windows 11 x64 |

## Expansion slots

| | |
|---|---|
| PCI Express x4 slots | 2 |
| PCI Express x16 (Gen 5.x) slots | 1 |
| Number of M.2 (M) slots | 3 |

## BIOS

| | |
|---|---|
| BIOS type * | UEFI AMI |
| BIOS memory size | 256 Mbit |
| ACPI version | 5.0 |
| Clear CMOS jumper | ✓ |
| Clear CMOS button | ✓ |

## Internal I/O

| | |
|---|---|
| Total number of SATA connectors | 4 |
| ATX Power connector (24-pin) | ✔ |
| EPS power connector (8-pin) | ✔ |
| TPM connector | ✔ |
| 12V power connector | ✔ |
| RGB LED pin header | ✔ |

## Rear panel I/O ports

| | |
|---|---|
| USB 2.0 ports quantity * | 4 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1 |
| USB4 Gen 2x2 ports quantity | 2 |
| Ethernet LAN (RJ-45) ports * | 1 |
| HDMI ports quantity * | 1 |
| DisplayPorts quantity | 2 |
| Microphone in | ✔ |
| S/PDIF out port | ✔ |

## BIOS

| | |
|---|---|
| Desktop Management Interface (DMI) version | 2.7 |
| System Management BIOS (SMBIOS) version | 2.7 |

## Logistics data

| | |
|---|---|
| Country of origin | China |
| Products per shipping (inner) case | 1 pc(s) |

## Battery

| | |
|---|---|
| Battery weight | 3 g |
| Lithium weight per battery | 0.07 g |
| Number of battery cells | 1 |
| Battery technology | Lithium-Manganese Dioxide (LiMnO2) |
| Battery type | CR2032 |

## Packaging data

| | |
|---|---|
| Package width | 335 mm |
| Package depth | 270 mm |
| Package height | 80 mm |
| Package weight | 1.94 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 | 1.74 kg |

## Technical details

| | |
|---|---|
| Warranty period | 3 year(s) |

4719331864996