

GIGABYTE X870 EAGLE WIFI7 Motherboard

Brand : GIGABYTE

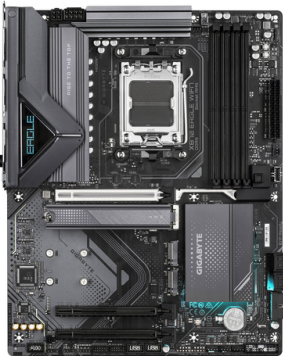
Product code: X870 EAGLE WIFI7

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- 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
- 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:

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 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series                 | LAN controller                         | Realtek RTL8125           |
|                                                |                                                                                     | 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                                                                          | Bluetooth                              | ✓                         |
| Number of memory slots *                       | 4                                                                                   | Bluetooth version                      | 5.4                       |
| Memory slots type                              | DIMM                                                                                | Features                               |                           |
| Memory channels                                | Dual-channel                                                                        | Motherboard chipset *                  | AMD X870                  |
| ECC compatibility                              | Non-ECC                                                                             | Audio chip                             | Realtek ALC897            |
| Supported memory clock speeds                  | 4400,4800,5200,5600,6000,6200,6400,6600,6666,6800,7000,7200,7600,7800,8000,8200 MHz | Audio output channels *                | 7.1 channels              |
|                                                |                                                                                     | Product colour                         | Black                     |
| 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, 16GB, 24GB, 32GB, 40GB, 48GB, 64GB                              | 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 x16 (Gen 3.x) slots        | 2                         |
| Supported storage drive interfaces *           | M.2, SATA III                                                                       | PCI Express x16 (Gen 5.x) slots        | 1                         |
| Number of HDDs supported                       | 4                                                                                   | Number of M.2 (M) slots                | 3                         |
| Number of storage drives supported             | 7                                                                                   | 1st M.2 largest key size               | 25110                     |
| RAID support                                   | ✓                                                                                   | 1st M.2 highest PCI Express generation | 5.0                       |
| RAID levels                                    | 0, 1, 10                                                                            | 2nd M.2 largest key size               | 25110                     |
| Graphics                                       |                                                                                     |                                        |                           |
| Parallel processing technology support *       | Not supported                                                                       |                                        |                           |
| On-board graphics card                         | ✗                                                                                   |                                        |                           |
| DirectX version                                | 12.0                                                                                |                                        |                           |

| Internal I/O                                      |     | Expansion slots                            |                                                                           |
|---------------------------------------------------|-----|--------------------------------------------|---------------------------------------------------------------------------|
| USB 2.0 connectors *                              | 2   | 2nd M.2 highest PCI Express generation     | 4.0                                                                       |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *            | 1   | 3rd M.2 largest key size                   | 25110                                                                     |
| USB 3.2 Gen 2x2 connectors                        | 1   | 3rd M.2 highest PCI Express generation     | 4.0                                                                       |
| Number of SATA III connectors *                   | 4   | <b>BIOS</b>                                |                                                                           |
| Front panel audio connector                       | ✓   | BIOS type *                                | UEFI AMI                                                                  |
| Front panel connector                             | ✓   | BIOS memory size                           | 256 Mbit                                                                  |
| ATX Power connector (24-pin)                      | ✓   | ACPI version                               | 5.0                                                                       |
| CPU fan connector                                 | ✓   | Clear CMOS jumper                          | ✓                                                                         |
| Number of CPU fan connectors                      | 2   | Clear CMOS button                          | ✓                                                                         |
| Number of chassis fan connectors                  | 4   | Desktop Management Interface (DMI) version | 2.7                                                                       |
| Peripheral (Molex) power connectors (4-pin)       | 1   | System Management BIOS (SMBIOS) version    | 2.7                                                                       |
| EPS power connector (8-pin)                       | ✓   | <b>Logistics data</b>                      |                                                                           |
| Number of EPS power connectors (8-pin)            | 1   | Country of origin                          | China                                                                     |
| TPM connector                                     | ✓   | Products per shipping (inner) case         | 1 pc(s)                                                                   |
| 12V power connector                               | ✓   | <b>Battery</b>                             |                                                                           |
| Number of water pump connectors                   | 1   | Battery weight                             | 3 g                                                                       |
| RGB LED pin header                                | ✓   | Lithium weight per battery                 | 0.07 g                                                                    |
| Number of RGB LED pin headers                     | 4   | Number of battery cells                    | 1                                                                         |
| <b>Rear panel I/O ports</b>                       |     | Battery capacity                           | 220 mAh                                                                   |
| USB 2.0 ports quantity *                          | 4   | Battery technology                         | Lithium-Manganese Dioxide (LiMnO2)                                        |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3   | Battery type                               | CR2032                                                                    |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1   | <b>Packaging data</b>                      |                                                                           |
| USB4 Gen 2x2 ports quantity                       | 2   | Package width                              | 335 mm                                                                    |
| Ethernet LAN (RJ-45) ports *                      | 1   | Package depth                              | 270 mm                                                                    |
| HDMI ports quantity *                             | 1   | Package height                             | 80 mm                                                                     |
| HDMI version                                      | 2.1 | Package weight                             | 1.94 kg                                                                   |
| DisplayPort version                               | 1.4 | <b>Weight &amp; dimensions</b>             |                                                                           |
| Headphone outputs                                 | 1   | Width                                      | 305 mm                                                                    |
| WiFi-AP antenna jack                              | 2   | Depth                                      | 244 mm                                                                    |
|                                                   |     | Height                                     | 35 mm                                                                     |
|                                                   |     | <b>Packaging content</b>                   |                                                                           |
|                                                   |     | Batteries included                         | ✓                                                                         |
|                                                   |     | Antenna included                           | ✓                                                                         |
|                                                   |     | Screws included                            | ✓                                                                         |
|                                                   |     | Bundled software                           | Norton® Internet Security (OEM version) LAN bandwidth management software |
|                                                   |     | <b>Other features</b>                      |                                                                           |
|                                                   |     | Weight                                     | 1.74 kg                                                                   |
|                                                   |     | <b>Technical details</b>                   |                                                                           |
|                                                   |     | Warranty period                            | 3 year(s)                                                                 |



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### Catalog Object Cloud



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