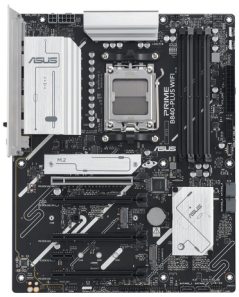
# ASUS PRIME B840-PLUS WIFI AMD B840 Protsessoripesa AM5 ATX



**Brand :** ASUS

**Product code:** 90MB1IZ0-M0EAY0

**Product name :** PRIME B840-PLUS WIFI

ASUS PRIME B840-PLUS WIFI. Protsessori tootja: AMD, Protsessori pesa: Protsessoripesa AM5, Ühilduvad protsessoriseeriad: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Toetatud mälutüübid: DDR5-SDRAM, Maksimaalne sisemälu: 192 GB, Mälupesa tüüp: DIMM. Kõvaketta ühenduse tüüp: M.2, SATA III, Toetatud ketaste tüübid: HDD & SSD, RAID-tasemed: 0, 1, 5, 10. Ethernet-liidese tüüp: 2.5 Gigabit Ethernet, Wi-Fi standard: Wi-Fi 6E (802.11ax), WiFi-standardid: Wi-Fi 6E (802.11ax). Komponent: PC, Emaplaadi kujutegur: ATX, Emaplaadi kiibistik: AMD

| | |
|---|---|
| **Processor** | |
| Processor manufacturer * | AMD |
| Processor socket * | Socket AM5 |
| Compatible processor series * | AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series |
| Supported processor sockets | Socket AM5 |
| **Memory** | |
| Supported memory types * | DDR5-SDRAM |
| Number of memory slots * | 4 |
| Memory slots type | DIMM |
| Memory channels | Dual-channel |
| ECC compatibility | ECC & Non-ECC |
| Maximum internal memory * | 192 GB |
| Unbuffered memory | ✔ |
| **Storage controllers** | |
| Supported storage drive types | HDD & SSD |
| Supported storage drive interfaces * | M.2, SATA III |
| Number of HDDs supported | 4 |
| Number of storage drives supported | 7 |
| RAID support | ✔ |
| RAID levels | 0, 1, 5, 10 |
| **Graphics** | |
| Parallel processing technology support * | Not supported |
| On-board graphics card | ✘ |
| **Internal I/O** | |
| USB 2.0 connectors * | 2 |

| | |
|---|---|
| **Rear panel I/O ports** | |
| HDMI ports quantity * | 1 |
| DisplayPorts quantity | 1 |
| WiFi-AP antenna jack | 1 |
| **Network** | |
| Ethernet LAN | ✔ |
| Ethernet interface type | 2.5 Gigabit Ethernet |
| Wi-Fi * | ✔ |
| Top Wi-Fi standard | Wi-Fi 6E (802.11ax) |
| Wi-Fi standards | Wi-Fi 6E (802.11ax) |
| Bluetooth | ✔ |
| Bluetooth version | 5.3 |
| **Features** | |
| Motherboard chipset * | AMD B840 |
| Audio output channels * | 7.1 channels |
| Product colour | Aluminium, Black |
| Component for * | PC |
| Motherboard form factor * | ATX |
| Motherboard chipset family * | AMD |
| Windows operating systems supported | Windows 10 x64, Windows 11 |
| **Expansion slots** | |
| PCI Express x1 (Gen 3.x) slots | 1 |
| PCI Express x16 (Gen 3.x) slots | 3 |
| PCI Express x16 (Gen 4.x) slots | 1 |
| Number of M.2 (M) slots | 3 |
| 1st M.2 largest key size | 2280 |
| 1st M.2 highest PCI Express generation | 4.0 |

| Internal I/O | |
|---|---|
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 2 |
| Number of SATA III connectors * | 4 |
| S/PDIF out connector | ✔ |
| Front panel audio connector | ✔ |
| ATX Power connector (24-pin) | ✔ |
| CPU fan connector | ✔ |
| Number of chassis fan connectors | 4 |
| Chassis intrusion connector | ✔ |
| Number of COM connectors | 1 |
| TPM connector | ✔ |
| Thunderbolt headers | 1 |
| 12V power connector | ✔ |

| Rear panel I/O ports | |
|---|---|
| USB 2.0 ports quantity * | 4 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 |
| Ethernet LAN (RJ-45) ports * | 1 |

| Expansion slots | |
|---|---|
| 2nd M.2 largest key size | 2280 |
| 2nd M.2 highest PCI Express generation | 4.0 |
| 3rd M.2 largest key size | 2280 |
| 3rd M.2 highest PCI Express generation | 3.0 |

| BIOS | |
|---|---|
| BIOS type * | UEFI AMI |
| BIOS memory size | 256 Mbit |

| Packaging data | |
|---|---|
| Package width | 353 mm |
| Package depth | 273 mm |
| Package height | 68 mm |
| Package weight | 1.26 kg |

| Weight & dimensions | |
|---|---|
| Width | 305 mm |
| Depth | 244 mm |

| Packaging content | |
|---|---|
| Cables included | SATA |
| Antenna included | ✔ |
| Screws included | ✔ |

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Publication date: 14-JAN-2025. Prints or copies of Information are only valid on the printed Publication date