# ASUS PRIME X670-P WIFI AMD X670 Socket AM5 ATX

**Brand :** ASUS

**Product name :** PRIME X670-P WIFI
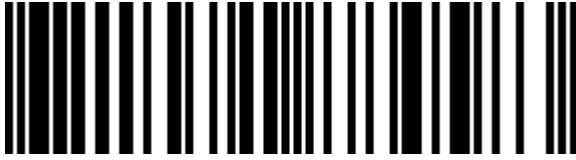
**Product code:** 90MB1BV0-M0EAY0

AMD X670, Socket AM5, 4 x DIMM, Max. 128GB, DDR5, Realtek 2.5Gb Ethernet, 2x2 Wi-Fi 6, Bluetooth 5.2, 256 Mb Flash ROM, UEFI AMI BIOS
ASUS PRIME X670-P WIFI. Processor manufacturer: AMD, Processor socket: Socket AM5. Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Maximum resolution: 3840 x 2160 pixels. Ethernet interface type: 2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 6 (802.11ax), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)

### Processor

| | |
|---|---|
| Processor manufacturer * | AMD |
| Processor socket * | 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 |
| Supported memory clock speeds | 4800,5100,5200,5400,5600,5800,6000,6200,6400 MHz |
| Maximum internal memory * | 128 GB |
| Unbuffered memory | ✔ |

### Storage controllers

| | |
|---|---|
| Supported storage drive types | HDD & SSD |
| Supported storage drive interfaces * | M.2, SATA III |
| Number of storage drives supported | 9 |
| RAID support | ✔ |
| RAID levels | 0, 1, 10 |

### Graphics

| | |
|---|---|
| Maximum resolution | 3840 x 2160 pixels |

### Internal I/O

| | |
|---|---|
| USB 2.0 connectors * | 2 |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 3 |
| Number of SATA III connectors * | 6 |
| S/PDIF out connector | ✔ |
| Front panel audio connector | ✔ |
| ATX Power connector (24-pin) | ✔ |

### Rear panel I/O ports

| | |
|---|---|
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 3 |
| USB 3.2 Gen 2x2 Type-C ports quantity | 1 |
| Ethernet LAN (RJ-45) ports * | 1 |
| PS/2 ports quantity | 1 |
| HDMI ports quantity * | 1 |
| DisplayPorts quantity | 1 |

### Network

| | |
|---|---|
| Ethernet LAN | ✔ |
| Ethernet interface type | 2.5 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet |
| Wi-Fi * | ✔ |
| Top Wi-Fi standard | Wi-Fi 6 (802.11ax) |
| Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) |
| Bluetooth | ✔ |
| Bluetooth version | 5.2 |

### Features

| | |
|---|---|
| Motherboard chipset * | AMD X670 |
| Audio output channels * | 7.1 channels |
| Component for * | PC |
| Motherboard form factor * | ATX |
| Motherboard chipset family * | AMD |
| Windows operating systems supported | Windows 10 x64, Windows 11 x64 |

## Internal I/O

| | |
|---|---|
| CPU fan connector | ✔ |
| Number of chassis fan connectors | 3 |
| Peripheral (Molex) power connectors (4-pin) | 1 |
| EPS power connector (8-pin) | ✔ |
| Number of COM connectors | 1 |
| TPM connector | ✔ |
| Thunderbolt headers | 1 |

## Rear panel I/O ports

| | |
|---|---|
| USB 2.0 ports quantity * | 2 |

## Expansion slots

| | |
|---|---|
| PCI Express x1 (Gen 3.x) slots | 1 |
| PCI Express x16 (Gen 4.x) slots | 3 |
| Number of M.2 (M) slots | 3 |

## BIOS

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

## Packaging data

| | |
|---|---|
| Package width | 338 mm |
| Package depth | 68 mm |
| Package height | 273 mm |
| Package weight | 1.9 kg |

## Weight & dimensions

| | |
|---|---|
| Width | 305 mm |
| Depth | 244 mm |

## Other features

| | |
|---|---|
| Weight | 1.22 kg |

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