ASUS PRIME X670-P WIFI AMD X670 Socket AM5 ATX

Brand : ASUS

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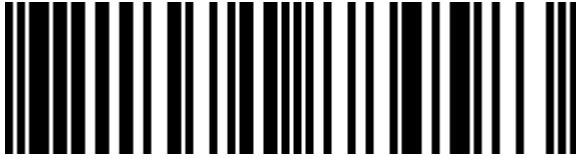
Product code: 90MB1BV0-M0EAY0

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)	✓
CPU fan connector	✓
Number of chassis fan connectors	3
Peripheral (Molex) power connectors (4-pin)	1
EPS power connector (8-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

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

Internal I/O

Number of COM connectors	1
TPM connector	✔
Thunderbolt headers	1

Rear panel I/O ports

USB 2.0 ports quantity *	2

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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