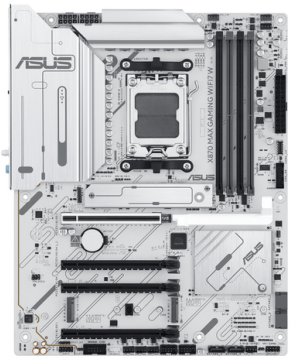
ASUS X870 MAX GAMING WIFI7 W AMD X870 Socket AM5 ATX



Brand : ASUS

Product code: 90MB1LZ0-M0EAY0

Product name : X870 MAX GAMING WIFI7 W

ATX, Socket AM5, AMD X870 Chipset, 4x DIMM slots, Wi-Fi 7, 2.5 Gb Ethernet, Bluetooth 5.4, UEFI AMI BIOS
ASUS X870 MAX GAMING WIFI7 W. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 256 GB, Memory slots type: DIMM. Supported storage drive interfaces: PCI Express 4.0, PCI Express 5.0, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Maximum resolution: 3840 x 2160 pixels. USB connector type: USB Type-A, USB Type-C

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
Supported memory clock speed (max)	8000 MHz
Maximum internal memory *	256 GB
Unbuffered memory	✔
Storage controllers	
Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	PCI Express 4.0, PCI Express 5.0, SATA III
Number of storage drives supported	7
RAID support	✔
RAID levels	0, 1, 5, 10
Graphics	
Parallel processing technology support *	Not supported
Maximum resolution	3840 x 2160 pixels

Internal I/O	
Number of RGB LED pin headers	3
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 3x2 ports quantity	2
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
HDMI version	2.1
Headphone outputs	3
Microphone in	✔
WiFi-AP antenna jack	2
USB connector type	USB Type-A, USB Type-C
Network	
Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet
Wake-on-LAN ready	✔
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Bluetooth	✔
Bluetooth version	5.4
Features	
Motherboard chipset *	AMD X870
Audio output channels *	7.1 channels
Product colour	White

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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
S/PDIF out connector	✔
Front panel audio connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of CPU fan connectors	2
Number of chassis fan connectors	4
Chassis intrusion connector	✔
EPS power connector (8-pin)	✔
Number of EPS power connectors (8-pin)	2
Number of COM connectors	1
TPM connector	✔
12V power connector	✔
Number of water pump connectors	1
RGB LED pin header	✔

Features	
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 11

Expansion slots	
PCI Express x16 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) 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
Clear CMOS jumper	✔

Weight & dimensions	
Width	305 mm
Depth	244 mm

Packaging content	
Cables included	SATA
Antenna included	✔
Screws included	✔

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