



ASUS PRIME Z890M-PLUS WIFI Intel Z890 LGA 1851 (Socket V1) micro ATX

Brand : ASUS

Product code: 90MB1J80-M0EAY0

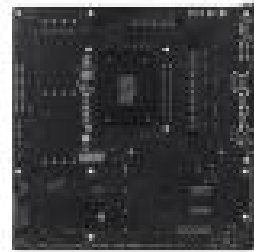
Product name : PRIME Z890M-PLUS WIFI

Intel Z890 Chipset, 4 x DIMM slots, max. 192GB, DDR5

[ASUS PRIME Z890M-PLUS WIFI Intel Z890 LGA 1851 \(Socket V1\) micro ATX:](#)

Z890M-PLUS WIFI

ASUS PRIME series motherboards are expertly engineered to unleash the full potential of the latest Intel® Core™ Ultra Processors (Series 2). Boasting a robust power design, comprehensive cooling solutions and intelligent tuning options, the PRIME Z890M-PLUS WIFI motherboard provides users and PC DIY builders with a range of performance optimizations via intuitive software and firmware features. It's designed to be Advanced AI PC-ready, offering the power and connectivity needed for demanding AI applications.



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Processor socket *	LGA 1851 (Socket V1)	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Compatible processor series *	Intel Core Ultra (Series 2)	USB 3.2 Gen 2x2 Type-C ports quantity	1
Supported processor sockets	LGA 1851	Ethernet LAN (RJ-45) ports *	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR5-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	Microphone in	✓
Memory slots type	DIMM	WiFi-AP antenna jack	1
Memory channels	Dual-channel	Network	
Non-ECC	✓	Ethernet LAN	✓
Maximum internal memory *	192 GB	Ethernet interface type	2.5 Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✓
Storage controllers		Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Supported storage drive types	HDD & SSD	Wi-Fi standards	Wi-Fi 7 (802.11be)
Supported storage drive interfaces *	M.2, SATA III	Bluetooth	✓
Number of HDDs supported	6	Bluetooth version	5.4
Number of storage drives supported	9	Features	
RAID support	✓	Motherboard chipset *	Intel Z890
RAID levels	0, 1, 5, 10	Audio output channels *	7.1 channels
Graphics		Component for *	PC
Parallel processing technology support *	Not supported	Motherboard form factor *	micro ATX
Internal I/O		Motherboard chipset family *	Intel
USB 2.0 connectors *	2	Windows operating systems supported	Windows 11
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Expansion slots	
Number of SATA III connectors *	6	PCI Express x16 (Gen 4.x) slots	3
S/PDIF out connector	✓	PCI Express x16 (Gen 5.x) slots	1
Front panel audio connector	✓	Number of M.2 (M) slots	3
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		

Internal I/O		BIOS	
Number of chassis fan connectors	4	BIOS type *	UEFI AMI
Chassis intrusion connector	✓	BIOS memory size	256 Mbit
Number of COM connectors	1	Packaging data	
TPM connector	✓	Package width	275 mm
Thunderbolt headers	1	Package depth	275 mm
12V power connector	✓	Package height	67.5 mm
Rear panel I/O ports		Package weight	1.64 kg
USB 2.0 ports quantity *	2	Weight & dimensions	
		Width	244 mm
		Depth	244 mm
		Packaging content	
		Cables included	SATA
		Screws included	✓



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