

ASUS PRIME Z890-P Intel Z890 LGA 1851 (Socket V1) ATX

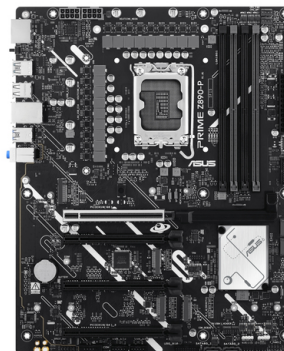
Brand : ASUS

Product code: 90MB1I50-M0EAY0

Product name : PRIME Z890-P

PRIME Z890-P Gaming motherboard socket Intel LGA1851 (ATX, DDR5, PCIe 5.0, 4x M.2, DisplayPort, HDMI, Advanced AI, Aura Sync, PCIe Slot Q-Release)

ASUS PRIME Z890-P. Processor manufacturer: Intel, Processor socket: LGA 1851 (Socket V1), Compatible processor series: Intel Core Ultra (Series 2). Supported memory types: DDR5-SDRAM, Maximum internal memory: 192 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: 2.5 Gigabit Ethernet. Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
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 2 (3.1 Gen 2) Type-C ports quantity *	1
Memory		Ethernet LAN (RJ-45) ports *	1
Supported memory types *	DDR5-SDRAM	HDMI ports quantity *	1
Number of memory slots *	4	HDMI version	2.1
Memory slots type	DIMM	DisplayPorts quantity	1
Memory channels	Dual-channel	DisplayPort version	1.4
ECC compatibility	Non-ECC	Headphone outputs	1
Supported memory clock speed (max)	7600 MHz	Line-in	✓
Maximum internal memory *	192 GB	Network	
Unbuffered memory	✓	Ethernet LAN	✓
Storage controllers		Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive types	HDD & SSD	Wi-Fi *	✗
Supported storage drive interfaces *	M.2, SATA III	Features	
Number of HDDs supported	4	Motherboard chipset *	Intel Z890
Number of storage drives supported	8	Audio output channels *	7.1 channels
RAID support	✓	Product colour	Black
RAID levels	0, 1, 5, 10	Component for *	PC
Graphics		Motherboard form factor *	ATX
Parallel processing technology support *	Not supported	Motherboard chipset family *	Intel
Internal I/O		Cooling type	Passive
USB 2.0 connectors *	2	Power source type	ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Windows operating systems supported	Windows 10, Windows 11
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1		

Internal I/O		Expansion slots	
Number of SATA III connectors *	4	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	4
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of chassis fan connectors	4	BIOS memory size	256 Mbit
EPS power connector (8-pin)	✓	Packaging data	
Number of COM connectors	1	Package width	353 mm
TPM connector	✓	Package depth	273 mm
Thunderbolt headers	1	Package height	68 mm
12V power connector	✓	Package weight	1.89 kg
RGB LED pin header	✓	Weight & dimensions	
Rear panel I/O ports		Width	305 mm
USB 2.0 ports quantity *	4	Depth	244 mm
		Packaging content	
		Cables included	SATA
		Other features	
		Quick installation guide	✓
		Back-to-BIOS button	✓



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