



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

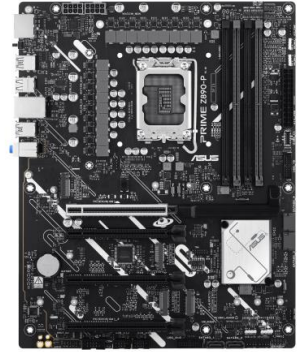
Brand : ASUS

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
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

Internal I/O	
USB 3.2 Gen 2 (3.1 Gen 2) 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 chassis fan connectors	4
EPS power connector (8-pin)	✓
Number of COM connectors	1
TPM connector	✓
Thunderbolt headers	1
12V power connector	✓
RGB LED pin header	✓
Rear panel I/O ports	
USB 2.0 ports quantity *	4

Expansion slots	
PCI Express x16 (Gen 4.x) slots	3
PCI Express x16 (Gen 5.x) slots	1
Number of M.2 (M) slots	4
BIOS	
BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
Packaging data	
Package width	353 mm
Package depth	273 mm
Package height	68 mm
Package weight	1.89 kg
Weight & dimensions	
Width	305 mm
Depth	244 mm
Packaging content	
Cables included	SATA
Other features	
Quick installation guide	✓
Back-to-BIOS button	✓



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