

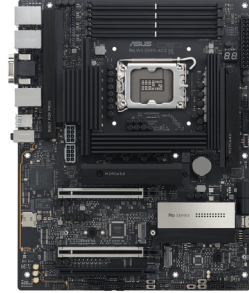
## ASUS PRO WS Z890-ACE SE Intel Z890 LGA 1851 (Socket V1) ATX

**Brand :** ASUS

**Product code:** 90MB1JC0-M0AAY0

**Product name :** PRO WS Z890-ACE SE

PRO WS Z890-ACE SE Workstation Mainboard Socket Intel LGA 1851 (ATX, PCIe 5.0, DDR5, 10Gb & 2.5Gb Ethernet, 4x M.2 slots, 1x USB 20Gb front port, onboard BMC)  
 ASUS PRO WS Z890-ACE SE. 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: 256 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, PCI Express 5.0, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: 2.5 Gigabit Ethernet, 10 Gigabit Ethernet, Gigabit Ethernet. Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel



<b>Processor</b>		<b>Rear panel I/O ports</b>	
Processor manufacturer *	Intel	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor socket *	LGA 1851 (Socket V1)	Ethernet LAN (RJ-45) ports *	3
Compatible processor series *	Intel Core Ultra (Series 2)	VGA (D-Sub) ports quantity *	1
Supported processor sockets	LGA 1851	HDMI ports quantity *	1
<b>Memory</b>		Headphone outputs	1
Supported memory types *	DDR5-SDRAM	Line-in	✓
Number of memory slots *	4	Thunderbolt ports quantity	1
Memory slots type	DIMM	<b>Network</b>	
Memory channels	Dual-channel	Ethernet LAN	✓
ECC compatibility	Non-ECC	Ethernet interface type	2.5 Gigabit Ethernet, 10 Gigabit Ethernet, Gigabit Ethernet
Supported memory clock speed (max)	9066 MHz	Wi-Fi *	✗
Maximum internal memory *	256 GB	<b>Features</b>	
Unbuffered memory	✓	Motherboard chipset *	Intel Z890
<b>Storage controllers</b>		Audio chip	Realtek ALC1220P
Supported storage drive types	HDD & SSD	Audio output channels *	7.1 channels
Supported storage drive interfaces *	M.2, PCI Express 5.0, SATA III	Product colour	Black
Number of HDDs supported	4	Component for *	PC
Number of storage drives supported	8	Motherboard form factor *	ATX
RAID support	✓	Motherboard chipset family *	Intel
RAID levels	0, 1, 5, 10	Cooling type	Passive
<b>Graphics</b>		Power source type	ATX
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 10 x64, Windows 11
On-board graphics card	✗	<b>Expansion slots</b>	
<b>Internal I/O</b>		PCI Express x16 (Gen 4.x) slots	1
USB 2.0 connectors *	2	PCI Express x16 (Gen 5.x) slots	2

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Number of M.2 (M) slots	4
USB 3.2 Gen 2x2 connectors	1	1st M.2 largest key size	2280
Number of SATA III connectors *	4	1st M.2 highest PCI Express generation	5.0
Audio connector	✓	2nd M.2 largest key size	2280
Front panel audio connector	✓	2nd M.2 highest PCI Express generation	4.0
ATX Power connector (24-pin)	✓	3rd M.2 largest key size	2280
CPU fan connector	✓	3rd M.2 highest PCI Express generation	4.0
Number of CPU fan connectors	1	4th M.2 largest key size	2280
Number of chassis fan connectors	5	4th M.2 highest PCI Express generation	4.0
Chassis intrusion connector	✓	<b>BIOS</b>	
EPS power connector (8-pin)	✓	BIOS type *	UEFI AMI
Number of EPS power connectors (8-pin)	2	BIOS memory size	256 Mbit
Number of COM connectors	1	Clear CMOS button	✓
Thunderbolt headers	1	BIOS flashback button	✓
Integrated SAS ports	1	<b>Packaging data</b>	
Number of water pump connectors	1	Package width	338.1 mm
Number of temperature sensor headers	1	Package depth	256 mm
<b>Rear panel I/O ports</b>		Package height	50.8 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6	Package weight	1.43 kg
		<b>Weight &amp; dimensions</b>	
		Width	305 mm
		Depth	244 mm
		<b>Packaging content</b>	
		Cables included	SATA



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