

ASUS Pro WS W890E-SAGE SE Intel W890 LGA 4710-2 EEB

Brand : ASUS

Product code: 90MB1LH0-M0EAY0

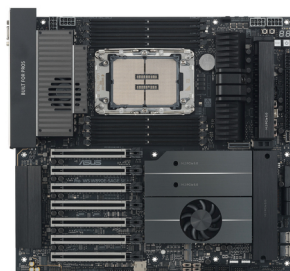
Product name : Pro WS W890E-SAGE SE

PRO WS W890E-SAGE SE Intel LGA4710-2 EEB Workstation Mainboard (7 PCIe 5.0 x16 slots, multi-GPU support, robust 16+2+2+1+2 power stage design, 4 PCIe 5.0 M.2 slots)

ASUS Pro WS W890E-SAGE SE Intel W890 LGA 4710-2 EEB:

The Pro WS W890E-SAGE SE workstation motherboard is deftly tailored for creative professionals, developers and engineers, unleashing the dominate performance of the latest Intel Xeon processors, with CPU and memory overclocking capability. Featuring an optimized memory trace layout, advanced power stage design, server-grade IPMI remote management, and ultrafast PCIe 5.0 and networking connectivity, Pro WS W890E-SAGE SE melds no-compromise engineering with incredible aesthetics, and comes prepared for a wide array of scenarios and industries.

Pro WS W890E-SAGE SE motherboard goes above and beyond the ordinary with a painstakingly cultivated collection of hardware validations to help ensure that your workstation build supports a wide variety of memory, cooler, chassis, PSU and other devices.



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	VGA (D-Sub) ports quantity *	1
Processor socket *	LGA 4710-2	DisplayPort version	1.4
Compatible processor series *	Intel® Xeon®	Headphone outputs	1
Supported processor sockets	LGA 4710-2	Line-in	✓
Memory		Network	
Supported memory types *	DDR5-SDRAM	Ethernet LAN	✓
Number of memory slots *	8	Ethernet interface type	10 Gigabit Ethernet, Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✗
Memory channels	Octa-channel	Features	
ECC compatibility	ECC	Motherboard chipset *	Intel W890
Storage controllers		Audio chip	Realtek ALC1220P
Supported storage drive types	HDD & SSD	Audio output channels *	7.1 channels
Supported storage drive interfaces *	M.2, SATA III, SlimSAS	Product colour	Black
Number of HDDs supported	4	Component for *	Workstation
Number of storage drives supported	10	Motherboard form factor *	EEB
RAID support	✓	Motherboard chipset family *	Intel
RAID levels	0, 5, 1, 10	Cooling type	Passive
Graphics		Power source type	ATX
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 11
Maximum resolution	7680 x 4320 pixels	Expansion slots	
Internal I/O		PCI Express x16 (Gen 4.x) slots	1
USB 2.0 connectors *	2	PCI Express x16 (Gen 5.x) slots	7
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	22110
Number of SATA III connectors *	4	1st M.2 highest PCI Express generation	5.0

Internal I/O		Expansion slots	
Front panel audio connector	✓	2nd M.2 largest key size	22110
Front panel connector	✓	2nd M.2 highest PCI Express generation	5.0
ATX Power connector (24-pin)	✓	3rd M.2 largest key size	2280
CPU fan connector	✓	3rd M.2 highest PCI Express generation	5.0
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	5.0
Chassis intrusion connector	✓	BIOS	
EPS power connector (8-pin)	✓	BIOS type *	UEFI AMI
Number of EPS power connectors (8-pin)	5	BIOS memory size	512 Mbit
Number of COM connectors	1	Clear CMOS button	✓
12V power connector	✓	BIOS flashback button	✓
Integrated SAS ports	2	Packaging data	
Number of water pump connectors	1	Package width	362 mm
Number of temperature sensor headers	1	Package depth	377 mm
RGB LED pin header	✓	Package height	103 mm
Number of RGB LED pin headers	2	Package weight	3.7 kg
Rear panel I/O ports		Weight & dimensions	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6	Width	305 mm
USB4 Gen 3x2 ports quantity	2	Depth	330 mm
Ethernet LAN (RJ-45) ports *	3	Height	50 mm
IPMI LAN (RJ-45) port	✓	Packaging content	
		Cables included	SATA, DisplayPort
		Screws included	✓
		Other features	
		Mini DisplayPorts quantity	2
		Weight	3.4 kg
		Number of M.2 (E) slots	1



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