



ASUS PRO WS W790-ACE Intel W790 LGA 4677 (Socket E) SSI CEB



Brand : ASUS

Product code: 90MB1C70-M0EAY0

Product name : PRO WS W790-ACE

ASUS PRO WS W790-ACE. Processor manufacturer: Intel, Processor socket: LGA 4677 (Socket E), Compatible processor series: Intel Xeon W. Supported memory types: DDR5-SDRAM, Maximum internal memory: 2.05 TB, 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, 10 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet. Component for: Workstation, Motherboard form factor: SSI CEB, Motherboard chipset family: Intel

Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 2.0 ports quantity *	8
Processor socket *	LGA 4677 (Socket E)	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
Compatible processor series *	Intel Xeon W	USB 3.2 Gen 2x2 Type-C ports quantity	1
Intel Xeon series	W-3400, W-2400	Ethernet LAN (RJ-45) ports *	2
Memory		Headphone outputs	1
Supported memory types *	DDR5-SDRAM	Microphone in	✓
Number of memory slots *	8	S/PDIF out port	✓
Memory slots type	DIMM	Network	
Memory channels	Quad-channel	Ethernet LAN	✓
ECC compatibility	ECC	Ethernet interface type	2.5 Gigabit Ethernet, 10 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800 MHz	Wi-Fi *	✗
Maximum internal memory *	2.05 TB	Features	
Storage controllers		Motherboard chipset *	Intel W790
Supported storage drive types	HDD & SSD	Audio chip	Realtek S1220A
Supported storage drive interfaces *	M.2, SATA III	Audio output channels *	7.1 channels
Number of HDDs supported	4	Product colour	Black
Number of storage drives supported	6	Component for *	Workstation
RAID support	✓	Motherboard form factor *	SSI CEB
RAID levels	0, 1, 5, 10	Motherboard chipset family *	Intel
Graphics		Windows operating systems supported	Windows 10 x64, Windows 11
On-board graphics card	✗	Expansion slots	
Internal I/O		PCI Express x16 (Gen 5.x) slots	5
USB 2.0 connectors *	2	Number of M.2 (M) slots	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	BIOS type *	UEFI AMI
Number of SATA III connectors *	4	BIOS memory size	512 Mbit
Front panel audio connector	✓	Clear CMOS button	✓
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		
Number of chassis fan connectors	5		
EPS power connector (8-pin)	✓		

Internal I/O		Packaging data	
Number of COM connectors	1	Package width	370 mm
TPM connector	✓	Package depth	312 mm
12V power connector	✓	Package height	108 mm
		Package weight	3.52 kg
Weight & dimensions			
		Width	305 mm
		Depth	277 mm
		Height	50 mm
Other features			
		Weight	1.81 kg



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