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

Brand : ASUS

Product name : PRO WS W790-ACE

Product code: 90MB1C70-M0EAY0

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

Processor manufacturer *	Intel
Processor socket *	LGA 4677 (Socket E)
Compatible processor series *	Intel Xeon W
Intel Xeon series	W-3400, W-2400

Memory

Supported memory types *	DDR5-SDRAM
Number of memory slots *	8
Memory slots type	DIMM
Memory channels	Quad-channel
ECC compatibility	ECC
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800 MHz
Maximum internal memory *	2.05 TB

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	6
RAID support	✓
RAID levels	0, 1, 5, 10

Graphics

On-board graphics card	✘

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1
Number of SATA III connectors *	4
Front panel audio connector	✓
ATX Power connector (24-pin)	✓
CPU fan connector	✓
Number of chassis fan connectors	5
EPS power connector (8-pin)	✓

Rear panel I/O ports

USB 2.0 ports quantity *	8
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
USB 3.2 Gen 2x2 Type-C ports quantity	1
Ethernet LAN (RJ-45) ports *	2
Headphone outputs	1
Microphone in	✓
S/PDIF out port	✓

Network

Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet, 10 Gigabit Ethernet, Fast Ethernet, Gigabit Ethernet
Wi-Fi *	✘

Features

Motherboard chipset *	Intel W790
Audio chip	Realtek S1220A
Audio output channels *	7.1 channels
Product colour	Black
Component for *	Workstation
Motherboard form factor *	SSI CEB
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 10 x64, Windows 11

Expansion slots

PCI Express x16 (Gen 5.x) slots	5
Number of M.2 (M) slots	2

BIOS

BIOS type *	UEFI AMI
BIOS memory size	512 Mbit
Clear CMOS button	✓

Internal I/O

Number of COM connectors	1
TPM connector	✔
12V power connector	✔

Packaging data

Package width	370 mm
Package depth	312 mm
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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