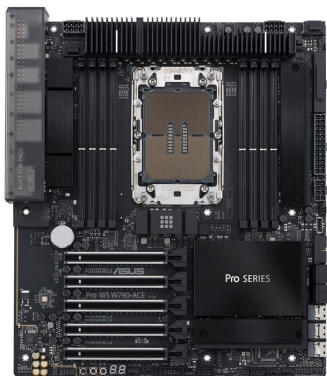


ASUS PRO WS W790-ACE - motherboard - SSI CEB - LGA4677

Socket-E - W790



22-05-2024

SKU	90MB1C70-M0EAY0
Product Description:	ASUS PRO WS W790-ACE - motherboard - SSI CEB - LGA4677 Socket-E - W790
Product Type:	Motherboard - SSI CEB
Chipset Type:	Intel W790
Processor Socket:	1 x LGA4677 Socket-E
Compatible Processors:	Xeon W
Max RAM Size:	2048 GB
RAM Supported:	8 DIMM slots - DDR5, ECC, registered

General

Product Type:	Motherboard - SSI CEB
Chipset Type:	Intel W790
Processor Socket:	LGA4677 Socket-E
Max Processors Qty:	1
Compatible Processors:	Xeon W

Supported RAM

Max Size:	2048 GB
Technology:	DDR5
Bus Clock:	5200 MHz (O.C.), 5400 MHz (O.C.), 5600 MHz (O.C.), 5800 MHz (O.C.), 6000 MHz (O.C.), 4800 MHz, 6200 MHz (O.C.), 6400 MHz (O.C.), 6600 MHz (O.C.), 6800 MHz (O.C.)
Supported RAM Integrity Check:	ECC
Registered or Buffered:	Registered
Features:	Intel Extreme Memory Profiles (XMP), quad channel memory architecture

Audio

Miscellaneous

Included Accessories:	Q-Connector, 1 x M.2 rubber package, ACC Express Activation Key Card, M.2 backplate rubber package, CPU guard for LGA 4677 E1A, CPU guard for LGA 4677 E1B
Cables Included:	2 x Serial ATA cable
Software Included:	ASUS CPU-Z, ASUS AI Suite III, ASUS Turbo App, PC Cleaner, WinRAR, ASUS Control Center Express, Armoury Crate, ASUS Fan Xpert 4, Norton 360 Deluxe (60 days trial), Adobe Creative Cloud (free trial)
Width:	30.5 cm
Depth:	26.67 cm
Features	
BIOS Type:	AMI
BIOS Features:	ASUS EZ Flash, UEFI BIOS
Sleep / Wake Up:	Wake on LAN (WOL), wake on PME

Audio

Type:	HD Audio (8-channel)
Audio Codec:	Realtek ALC51220A
Compliant Standards:	High Definition Audio

LAN

Network Interfaces:	10 Gigabit Ethernet, 2.5 Gigabit Ethernet
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Expansion / Connectivity

Expansion Slots:	1 x CPU 8 x DIMM 288-pin 3 x PCIe 5.0 x16 2 x PCIe 5.0 x16 (x8 mode) 1 x M.2 socket (2280 M.2 Key M slot) 1 x M.2 socket (2242/2260/2280/22110 M.2 Key M slot) 1 x PCIe 3.0 x4 (SlimSAS) 2 x PCIe 4.0 x4 (SlimSAS)
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Storage Interfaces:	SATA-600 -connectors: 4 x 7pin Serial ATA - RAID 0 / RAID 1 / RAID 10 / RAID 5 PCIe 4.0 -connectors: 2 x M.2 - RAID 0 / RAID 1 / RAID 10 / RAID 5 PCIe 4.0 -connectors: 1 x SlimSAS PCIe 3.0 -connectors: 2 x SlimSAS
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Interfaces:	1 x USB-C 3.2 Gen2x2 4 x USB 3.2 Gen 2 8 x USB 2.0 1 x microphone - mini-jack 1 x audio line-out (center/subwoofer) - mini-jack 1 x audio line-out (rear) - mini-jack 1 x audio line-in - mini-jack 1 x audio line-out - mini-jack 1 x SPDIF out 1 x LAN (2.5Gigabit Ethernet) 1 x LAN (10Gigabit Ethernet)
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Internal Interfaces:	1 x USB-C 3.2 Gen 2x2 - header 2 x USB 3.2 Gen 1 - header 4 x USB 2.0 - header 1 x serial - header 1 x audio - header 1 x SPI - header
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Power Connectors:	2 x 24-pin main power connectors, 4 x 8-pin ATX12V connectors, 8-pin PCI Express power connector
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Features

Hardware Features:

ASUS Q-Design, ESD Guards, Q-DIMM, ASUS EZ DIY, Q-LED, Q-Slot, CrashFree BIOS 3, ASUS Q-Connector, ASUS DIGI+ VRM, Q-Code, Preboot eXecution Environment (PXE), Clear CMOS Button, ASUS Stainless Steel Back I/O, overcurrent protection, LANGuard, overvoltage protection, ASUS SafeSlot, ASUS 5X Protection III, ASUS SafeDIMM, Intel VROC support, M.2 heatsink, Water Pump Header, 12+1+1 Phase Power Design, pre-mounted I/O shield, Intel Turbo Boost Max Technology 3.0, FlexKey button, ASUS ProCool II, M.2 Q-Latch, ReTry button, Start button, VRM heatsink design, BIOS FlashBack button, BIOS FlashBack LED, M.2 heatsink backplate, Intel Volume Management Device (VMD)