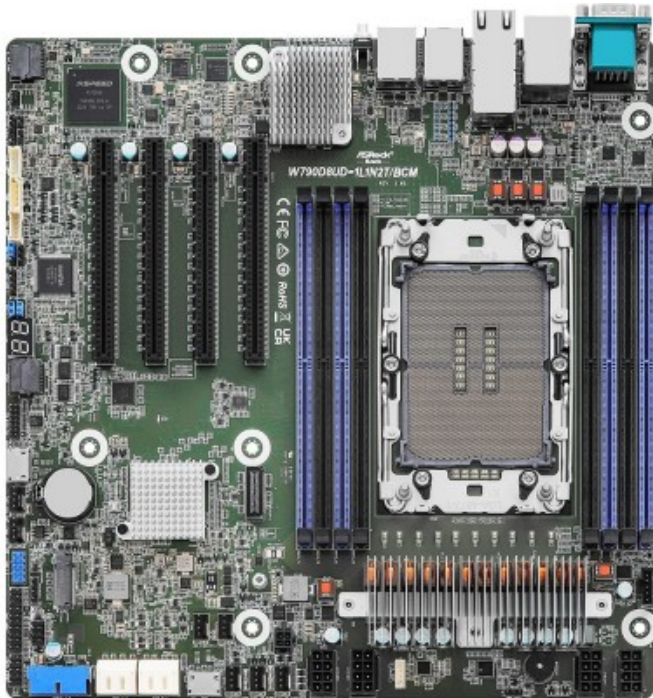


ASRock W790D8UD-1L1N2T/BCM, 1 x SKT LGA 4677, Intel Xeon W-3400, W790, SATA, 2x10GbE, 1x2.5GbE, 1xGbE, IPMI

Kod producenta: W790D8UD-1L1N2T/BCM



Category	Server
Form Factor	Micro-ATX
Dimensions	10.4" x 10.5"
CPU Socket	LGA 4677 (Socket E)
# of CPU sockets	1
Supported CPU's	Intel Xeon W-3400 Intel Xeon W-2400
Max CPU TDP	350 W
Chipset	W790
Memory Type	DDR5 ECC RDIMM
Memory Speed	4800 MT/s 4400 MT/s
# of DIMM's	8
Max Memory Size	2 TB
Integrated GPU	ASPEED AST2600
# of PCIe x16 5.0	4
# of USB Ports	2 x USB 3.2 (rear)
# of SATA Ports	4
# of NVMe ports	2
# of M.2 2280	1
# of Serial Ports	1 x DB9 (COM)
# of 2.5GbE Ports	1 x RJ45
# of 10GbE Ports	2 x RJ45
# of 1GbE Ports	1 x RJ45
Network Controllers	Broadcom BCM57416 Intel i226 Intel i210
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2600
TPM	1 x TPM 2.0 13-pin Header

W790D8UD-1L1N2T/BCM

- Deep Micro-ATX (10.4" x 10.5")
- Supports Intel® Xeon® W-2400 and W-3400 series processors
- 8 DIMM slots (2DPC), supports DDR5 RDIMM/ RDIMM-3DS
- 4 PCIe5.0 x16
- 2 OCuLink

- Supports 1 M.2 (PCIe4.0 x4)
- Up to 8 SATA 6Gb/s
- 2 RJ45 (10GbE) by Broadcom BCM57416
- 1 RJ45 (2.5GbE) by Intel® i226
- 1 RJ45 (1GbE) by Intel® i210
- Remote Management (IPMI)

Specyfikacja

Parametry płyty głównej

Standard	Deep Micro-ATX
Wymiary	10.4" x 10.5" (264 x 266 mm)

Procesor

CPU	Intel® Xeon® W-2400 and W-3400 series processors
Socket	Single Socket E (LGA 4677)
Zasilanie	350W
Chipset	Intel® W790

Pamięć operacyjna

Pojemność	8 DIMM slots (2DPC)
Rodzaj	DDR5 288-pin RDIMM/ RDIMM-3DS
DIMM Size	RDIMM: 64GB
Per DIMM	RDIMM-3DS: 2H- 128 GB/ 4H- 256 GB
Max. DIMM Frequency	4400MT/s (2DPC) / 4800MT/s (1DPC)
Napięcie	1.1V

Sloty rozszerzeń

PCIe x 16	SLOT7: PCIe5.0 x16 [CPU] SLOT6: PCIe5.0 x16 [CPU] SLOT5: PCIe5.0 x16 [CPU] SLOT4: PCIe5.0 x16 [CPU]
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Magazynowanie

Kontroler SATA	Intel® W790 (Up to 8 SATA 6Gb/s; RAID 0/1/5/10): 1 OCuLink for 4 SATA, 4 SATA 7-pin
OCuLink for U.2	1 OCuLink (PCIe4.0 x4 or 4 SATA 6Gb/s) [PCH] 1 OCuLink (PCIe4.0 x4) [PCH]
M.2 slot	1 M-key (PCIe4.0 x4), supports 2280 form factor [PCH]

Ethernet

Additional GbE Controller	2 RJ45 (10GbE) by Broadcom BCM57416 1 RJ45 (2.5GbE) by Intel® i226 1 RJ45 (1GbE) by Intel® i210
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Zarządzanie

Kontroler BMC	ASPEED AST2600: iKVM, vMedia support
IPMI Dedicated GLAN	1 RJ45 Dedicated IPMI LAN port by Realtek RTL8211F

Grafika

Kontroler	ASPEED AST2600: 1 DB15 (VGA)
Tylny panel I/O	
Port VGA	1 DB15 (VGA)
Port USB 3.0	2 Type-A (USB3.2 Gen1)
Port Lan	2 RJ45(10GbE), 1 RJ45(2.5GbE), 1 RJ45(1GbE), 1 dedicated IPMI
Port szeregowy	1 DB9 (COM)
UID Button/UID LED	1 UID button w/ LED
Złącza wewnętrzne	
Power Connector	1 Micro-Fit (4-pin, ATX PSU signal) w/ ATX 24-pin adapter cable, 4 (8-pin, ATX 12V)
Front Lan LED Connector	1
Złącze panelu AUX	1 (18-pin): chassis intrusion, system fault LED, LAN1/LAN2 activity LED, locate, SMBus
Złącze TPM	1 (13-pin, SPI)
Złącze czujnika temperatury	1
Złącze IPMB	1
Brzęczyk	1
Złącze wentylatorów	7 (4-pin)
NMI Header	1
System Panel	1 (9-pin): power switch, reset switch, system power LED, HDD activity LED
Głośnik	1 (4-pin)
BMC_SMB Header	1
SGPIO Header	1
CPU HSBP	1
Clear CMOS	1 (contact pads)
Onboard LED	
Standby PWR LED 5vsb	1
Port 80 LED	1
Fan Fail LED	7
BMC heartbeat LED	1
BIOS	
Rodzaj BIOS	AMI 256Mb SPI Flash ROM
Cechy BIOS	Plug and Play, ACPI 5.0 and above compliance wake up events, SMBIOS 2.3 and above, ASRock Rack Instant Flash

Hardware Monitor

Temperatura	CPU, MB, Card side, TR1 Temperature sensing
Wentylator	Fan Tachometer CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) Fan Multi-Speed Control
Napięcie	CPU1_PVCCIN, 1.05V_PCH, 1.8V_PCH, +BAT, PVNN_PCH, 3.3V, 5V, 12V, 3.3VSB, 5VSB, +12V, +12VSB

Obsługiwane systemy

System operacyjny	Microsoft® Windows® - Windows® 10 (64 bit) - Windows® 11 (64 bit)
	Linux - RedHat Enterprise Linux Server 9.3 (64bit) / 8.6 (64bit) - SUSE SLE 15.5 (64 bit) / 12.5 (64bit) - Ubuntu 23.04 (64 bit) / 22.10 (64 bit) / 22.04.4 (64 bit)
	Hypervisor: - VMWare® ESXi 7.0 U3l / 7.0U3n - VMWare® ESXi 8.0 U1a / 8.0U2b
	* RAID mode is not supported on the Ubuntu system. * iPXE Server is not supported on the Ubuntu 23.04 * NVMe RAID is not supported on SUSE 12.5

Środowisko

Temperatura	Operation temperature: 10°C ~ 35°C / Non operation temperature: -40°C ~ 70°C
Humidity	Non operation humidity: 20% ~ 90% (Non condensing)

Specyfikacja może ulec zmianie bez wcześniejszego powiadomienia. Marka i nazwy produktów są znakami towarowymi ich właścicieli. Działanie konfiguracji innych niż wynikające ze specyfikacji nie jest gwarantowane.

Strona firmowa produktu:

<https://www.superstorage.pl/asrock-w790d8ud-111n2tbcm-skt-lga-4677-intel-xeon-3400-w790-sata-2x10gbe-1x25gbe-1xgbe-ipmi-p-7567.html>