

ASRock 1U12XL-EPYC/2T2E, Rack 1U, UP, AMD EPYC 7000, 2xSFF, 12xLFF, 2x10GbE, Red. PSU, IPMI

Kod producenta: 1U12XL-EPYC/2T2E



Chassis Form Factor	Rack 1U
CPU Socket	LGA 4094 (Socket SP3)
# of CPU sockets	1
Supported CPU's	AMD EPYC 7002 AMD EPYC 7001
Memory Type	DDR4 ECC RDIMM DDR4 ECC LRDIMM
# of DIMM's	8
# of 2.5 Hybrid NVMe bays	2
# of 3.5 hot-swap bays	12
# of PCIe x16 3.0	1
# of 10GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
Power Supply	Redundant
PSU Wattage	700 W
Warranty	1 year standard 3 years on request

1U12XL-EPYC/2T2E

- 1U Chassis support 3.5" or 2.5" SATA/SAS HDD/SSD Hot-Swap Bay + 2 x 2.5" NVME SSD Hot-Swap Bay with 700W Redundant PSU
- Single Socket SP3(LGA4094) support AMD EPYC 7002/7001 series processor family
- Supports 8 Channels DDR4 3200/2933/2666/2400 RDIMM, LRDIMM 8 x DIMM slots
- 2 x 2.5" Hot-Swap Bay in the front, 12 Bay multi-function Hot-Swappable Bay for 3.5" or 2.5" SATA/SAS HDD/SSD
- ASPEED 2500. Integrated IPMI 2.0 with KVM, vMedia and Dedicated LAN (RTL8211E)

Specyfikacja

System	
Rozmiar/format	- 1U Rackmount
Model obydowy	- 1U12L
Wymiary	- 860 x 438.5 x 43.2 mm (33.9 x 17.2 x 1.7 inches)
Obsługiwane płyty	- EPYCD8-2T (12" x 9.6")' (EPYCD8-2T)
Front Panel	
Buttons	- Power On/Off button - UID button - System reset button

LEDs	- 1 x Power status LED - 1 x LAN activity LED - 1 x HDD status LED
I/O Ports	- 2 x USB 3.0 ports
MB tray	
USB 3.0	- 2
Serial Port	- 1 x COM port
VGA	- 1 x D-Sub
Lan Port	- 2 x RJ45 10G base-T by Intel® X550 - 1 x RJ45 Dedicated IPMI LAN port - LAN Ports with LED (ACT/LINK LED and SPEED LED)
Zewnętrzna zatoka / Storage	
Frontowe zatoki	- 2 Hot-Swappable Bay for 2.5" NVME SSD
Frontowy Backplane	- Dual single Backplanes for each drive
Internal Side	- 12 Bay multi-function Hot-Swappable Bay for 3.5" or 2.5" SATA/SAS HDD/SSD* *2.5" SATA/SAS HDD/SSD is going to be supported soon. Please contact our sales representatives for the information of when it is available. *A raid card is required to support SAS HDD/SSD. How many HDD/SSD are supported vary depending on the type of raid card you use.
Internal Side Backplane	- 3x Quad ports Backplane for drives* *SFF-8482 connector
Zasilacz	
Rodzaj	- 1U, Redundant
Moc wyjściowa	- 700W
Chłodzenie	
Wentylator	- 40 x 28 mm Fan x6
Parametry płyty głównej	
Standard	- ATX
Wymiary	- 12" x 9.6" (30.5 cm x 24.4 cm)
Procesor	
CPU	- AMD EPYC™ 7002/7001 series processor family
Socket	- Single Socket SP3 (LGA4094)
Pamięć operacyjna	
Pojemność	- 8 DIMM slots
Rodzaj	- Eight Channel DDR4 memory technology - Supports DDR4 RDIMM and LRDIMM
DIMM Size Per DIMM	- RDIMM: 32GB, 16GB, 8GB - LRDIMM: 128GB, 32GB
DIMM Frequency	- RDIMM: 2666/2400MHz - LRDIMM: 2666/2400MHz
Napięcie	- 1.2V
Sloty rozszerzeń	
PCIe 3.0 x 16	-1 slot
Magazynowanie	
OCuLink for U.2	- 2

Ethernet	
Interfejs	- 10000/1000 /100 /10 Mbps by Intel® X550
Kontroler LAN	- 2 x RJ45 10G base-T by Intel® X550 - 1 x RJ45 Dedicated IPMI LAN port by RTL8211E - Supports Wake-On-LAN - Supports Energy Efficient Ethernet 802.3az - Supports Dual LAN with Teaming function - Supports PXE - LAN1 supports NCSI
Zarządzanie	
Kontroler BMC	- ASPEED AST2500
IPMI Dedicated GLAN	- 1 x Realtek RTL8211E for dedicated management GLAN
Funkcje	- Watch Dog - NMI
Grafika	
Kontroler	- ASPEED AST2500
VRAM	- DDR4 128Mb
Tylny panel I/O	
Port VGA	- 1 x D-Sub
Port USB 3.2	- 2
Port Lan	- 2+1 RJ45 Gigabit Ethernet LAN port - LAN Ports with LED (ACT/LINK LED and SPEED LED)
Port szeregowy	- 1 x COM port
UID Button/UID LED	- 1
Złącza wewnętrzne	
SATA DOM	- 1
M.2	- 2(M2_1: 2230/2242/2260/2280, SATA/PCIE(X4); M2_2:2230/2242/2260/2280/22110, SATA/PCIE(X4))
Front LED	- 1
Złącze panelu AUX	- 1 (includes chassis intrusion, location button & LED, and front LAN LED)
TR1	- 1
Złącze TPM	- 1
Złącze IPMB	- 1
Złącze panelu USB 3.2 (Gen1)	- 1 (supports 2 USB 3.0 ports)
Onboard LED	
Port 80 LED	- 1
Fan Fail LED	- 1 (only Fan Fail LED)
BIOS	
Rodzaj BIOS	- 32MB AMI UEFI Legal BIOS
Cechy BIOS	- Plug and Play (PnP) - ACPI 2.0 Compliance Wake Up Events - SMBIOS 2.8 Support - ASRock Rack Instant Flash
Hardware Monitor	
Temperatura	- CPU Temperature Sensing - MB/TR1/Card side Temperature Sensing

Wentylator	- CPU/Rear/Front Fan Tachometer - CPU Quiet Fan (Allow CPU Fan Speed Auto-Adjust by CPU Temperature) - CPU/Rear/Front Fan Multi-Speed Control
Napięcie	- Voltage Monitoring: Vsoc,Vcpu, VCCM, VPPM, 3V/5V/12V, +BAT, 3VSB, 5VSB
Obsługiwane systemy	
System operacyjny	Microsoft® Windows® - Server 2012 R2 (64 bit) - Server 2016 (64 bit) Linux - RedHat Enterprise Linux Server 6.9 (64 bit) / 7.3 (64 bit) - CentOS 6.9 (64 bit) / 7.3 (64 bit) - SUSE Enterprise Linux Server 11 SP4 (64 bit) / 12 SP2 (64 bit) - Ubuntu 16.04 (64 bit) / 17.04 (64 bit) - CITRIX XenServer 7.5 Virtual: - VMWare® ESXi 6.5 u1 - vSphere 6.5 u1 * Please refer to our website for the latest OS support list.
Środowisko	
Temperatura	Operation temperature: 10°C ~ 35°C / Non operation temperature: -40°C ~ 70°C

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-1u12xl-epyc2t2e-rack-1u-up-amd-epyc-7000-2xsff-12xlf-2x10gbe-re-d-psu-ipmi-p-4846.html>