

ASRock 4U36L2E-ROME2/2T, Rack 4U, DP, AMD EPYC 7000, 36xLFF, 2x10GbE, Red. PSU, IPMI

Kod producenta: 4U36L2E-ROME2/2T



Chassis Form Factor	Rack 4U
CPU Socket	LGA 4094 (Socket SP3)
# of CPU sockets	2
Supported CPU's	AMD EPYC 7003 AMD EPYC 7002
Max CPU TDP	225 W
Chipset	System on Chip
Memory Type	DDR4 ECC RDIMM DDR4 ECC LRDIMM
Memory Speed	3200 MHz 2933 MHz 2666 MHz
# of DIMM's	16
Integrated GPU	Aspeed AST2500
# of 2.5 NVMe bays	2
# of 3.5 hot-swap bays	36
Backplanes	SAS3/SATA3
# of PCIe x16 4.0	5
# of PCIe x8 4.0	1
# of USB Ports	2 x Type-A (USB3.2 Gen1)
# of M.2 22110	2
# of 10GbE Ports	2 x RJ45
Network Controllers	Intel X550-AT2
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2500
Power Supply	Redundant 1+1
PSU Wattage	1200 W
PSU Certification	80+ Platinum
Chassis Dimensions	699 x 432 x 176 mm
Warranty	1 year standard 3 years on request

4U36L2E-ROME2/2T

- 4U Rackmount with 1+1 Redundant 1200W CRPS
- Dual Socket SP3 (LGA 4094), support AMD EPYC™ 7003 and 7002 Series Processors
- 8+8 DIMM slots, support DDR4 RDIMM/ LRDIMM
- 36 Hot-swap 3.5" drive bays and 2 Hot-swap 2.5" NVMe drive bays
- Dual 10GbE RJ45 by Intel® X550-AT2

Specyfikacja

System	
Rozmiar/format	4U Rackmount
Wymiary	699 mm x 432 mm x 176 mm, 27.52" x 17.01" x 6.93"
Obsługiwane płyty	ROME2D16-2T
Front Panel	
Buttons	System reset, Power
LEDs	Power, LAN1 activity, LAN2 activity, System fail, HDD status
I/O Ports	2 Type-A (USB3.2 Gen1)
Zewnętrzna zatoka / Storage	
Frontowe zatoki	24 Hot-swap 3.5" drive bays* * additional RAID/HBA card required to support the 36x 3.5"drives
Frontowy Backplane	24-port 12Gbps active backplane
Tylne zatoki	12 Hot-swap 3.5" drive bays*, and 2 Hot-swap 2.5" drive bays
Tylny Backplane	12-port 12Gbps active backplane and 2-port PCIe3.0 backplane
Internal Side	1 M-key (PCIe4.0 x4 or SATA 6Gb/s), supports 22110/2280/2242 form factor [CPU0] 1 M-key (PCIe4.0 x4), supports 22110/2280/2242 form factor [CPU0]
Zasilacz	
Rodzaj	1+1 CRPS
Moc wyjściowa	1200W
Efektywność	80-PLUS Platinum
AC Input	Low Line: 100-127Vrms, 50/60Hz, High Line: 200-240Vrms, 50/60Hz
Chłodzenie	
Wentylator	7 Hot-swap 80x38mm fans
Procesor	
CPU	Support Dual AMD EPYC™ 7003* and 7002 Series Processors *A BIOS update is required to support AMD EPYC™ 7003 Series Processors. Please contact ASRock Rack Technical Support for the necessary firmwares.
Socket	Dual Socket SP3 (LGA 4094)
Zasilanie	240W
Chipset	System on Chip
Pamięć operacyjna	
Pojemność	8+8 DDR4 288-pin DIMM slots (1DPC)
Rodzaj	DDR4 288-pin RDIMM, LRDIMM
DIMM Size Per DIMM	RDIMM: up to 64GB, LRDIMM: up to 256GB
DIMM Frequency	RDIMM/ LRDIMM: up to 3200 MHz
Napięcie	1.2V
Sloty rozszerzeń	

PCIe x 16	Slot 6: low-profile PCIe 4.0 x16 [CPU1] Slot 5: low-profile PCIe 4.0 x16 [CPU0] Slot 4: low-profile PCIe 4.0 x16 [CPU1] Slot 3: low-profile PCIe 4.0 x16 [CPU0] Slot 1: low-profile PCIe 4.0 x16 [CPU0]
PCIe x 8	Slot 2: low-profile PCIe 4.0 x8 [CPU1]
Kontroler BMC	ASPEED AST2500: IPMI2.0 with iKVM and vMedia support
Tylny panel I/O	
Port VGA	1 DB15 (VGA)
Port USB 3.0	2 Type-A (USB3.2 Gen1)
Port Lan	2 RJ45 (10GbE) by Intel® X550-AT2 1 x Realtek RTL8211E for dedicated management GLAN
UID Button/UID LED	1 UID w/ LED
BIOS	
Rodzaj BIOS	32MB AMI UEFI Legal BIOS
Cechy BIOS	Plug and Play (PnP), ACPI 2.0 Compliance Wake Up Events, SMBIOS 2.8.0, ASRock Rack Instant Flash
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-4u36l2e-rome22t-rack-4u-dp-amd-epyc-7000-36x1ff-2x10gbe-red-psu-ipmi-p-5386.html>