

ASRock 1U12E-GENOA/2L2T, Rack 1U, UP, AMD EPYC 9004, 12xSFF, 2xGbE, 2x10GbE, Red. PSU, IPMI

Kod producenta: 1U12E-GENOA/2L2T



Chassis Form Factor	Rack 1U
CPU Socket	LGA 6096 (Socket SP5)
# of CPU sockets	1
Supported CPU's	AMD EPYC 9004
Memory Type	DDR5 ECC RDIMM
# of DIMM's	24
# of 2.5 Hybrid NVMe bays	12
# of PCIe x16 5.0	2
# of 10GbE Ports	2 x RJ45
# of 1GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
Power Supply	Redundant
PSU Wattage	1000 W
PSU Certification	80+ Platinum
Warranty	1 year standard 3 years on request

1U12E-GENOA/2L2T Preliminary

- 1U Rackmount with 1+1, 80-PLUS Platinum, 1000W Slim PSU
- Single Socket SP5 (LGA 6096), supports AMD EPYC™ 9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
- 24 DIMM slots (2DPC), supports DDR5 RDIMM, RDIMM-3DS
- 12 hot-swap 2.5" NVMe (PCIe5.0 x4)/SATA drive bays
- 2 FHHL PCIe5.0 x16
- Supports 2 M.2 (PCIe5.0 x4)
- 1 OCP NIC 3.0 (PCIe5.0 x16)
- 2 RJ45 (10GbE) by Broadcom BCM57416
- 2 RJ45 (1GbE) by Intel® i210
- Remote Management (IPMI)

Specyfikacja

System	
Rozmiar/format	1U Rackmount
Wymiary	676.5 x 438 x 43.4 mm (26.6" x 17.2" x 1.7")
Obsługiwane płyty	GENOAD24QM3-2L2T/BCM

Front Panel	
Buttons	Power, Reset, ID buttons
LEDs	Power, LAN 1/2, System Event, ID LEDs
I/O Ports	1 Type-A (USB3.2 Gen1)
Zewnętrzna zatoka / Storage	
Frontowe zatoki	12 hot-swap 2.5" NVMe (PCIe5.0 x4)/SATA drive bays
Frontowy Backplane	12-port NVMe/SATA/SAS* passive backplanes *SAS drive is only supported with additional RAID/HBA cards
Internal Side	2 M-key (PCIe5.0 x4); support 22110/2280/2260 form factor
Zasilacz	
Rodzaj	1+1 Slim PSU
Moc wyjściowa	1000W
Efektywność	80-PLUS Platinum
AC Input	100-240V, 60/50Hz
Chłodzenie	
Wentylator	6 PWM hot-swap 40 x 56 mm fans
Procesor	
CPU	Supports AMD EPYC™ 9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
Socket	Single Socket SP5 (LGA 6096)
Zasilanie	Up to 300W
Chipset	System on Chip
Pamięć operacyjna	
Pojemność	24 DIMM slots (2DPC)
Rodzaj	Supports DDR5 288-pin RDIMM, RDIMM-3DS
DIMM Size Per DIMM	RDIMM: 64GB (2R) RDIMM-3DS: 512GB (2S8Rx4)
Max. DIMM Frequency	RDIMM: 4800 MHz (1DPC) RDIMM 1R: 4000 MHz (2DPC) RDIMM 2R: 3600 MHz (2DPC) RDIMM-3DS: 4800 MHz (1DPC); 3600 MHz (2DPC)
Napięcie	1.1V
Sloty rozszerzeń	
PCIe x 16	Rear: 2 FHHL PCIe5.0 x16
Ethernet	
Additional GbE Controller	Broadcom BCM57416: 2 RJ45 (10GbE) Intel® i210: 2 RJ45 (1GbE)
OCP slot	1 OCP NIC 3.0 (PCIe5.0 x16)
Zarządzanie	
Kontroler BMC	ASPEED AST2600
IPMI Dedicated GLAN	1 Realtek RTL8211F for dedicated management GLAN
Grafika	
Kontroler	ASPEED AST2600
VRAM	DDR4 512MB
Tylny panel I/O	
Port VGA	1 DB15 (VGA)
Port USB 3.0	2 Type-A (USB3.2 Gen1)

Port Lan	2 RJ45 (10GbE) 2 RJ45 (1GbE) 1 dedicated IPMI
UID Button/UID LED	1 UID button w/ LED
BIOS	
Rodzaj BIOS	AMI UEFI BIOS; 256 Mb (32MB) SPI Flash ROM
Cechy BIOS	ASRock Rack Instant Flash, ACPI 6.4 and above compliance wake up events, SMBIOS 3.5.0 and above, Plug and Play(PnP)
Hardware Monitor	
Temperatura	CPU, MB, Card side, TR1 Temperature sensing
Wentylator	Fan Tachometer Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) Fan Multi-Speed Control
Napięcie	VDDCR_CPU,VDDCR_SOC, VDDIO, VDD_18_S5, VDD_33_S5, VDD_11_S3, +3V, +5V, +12V, +BAT, +1V8SB, 3VSB, 5VSB
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 powiadamiania. 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-1u12e-genoa2l2t-rack-1u-up-amd-epyc-9004-12xsff-2xgbe-2x10gbe-red-psu-ipmi-p-6812.html>