

ASRock ROMED8-2T, 1xSKT SP3, AMD EPYC 7000, SoC, SATA, NVMe, 2xM.2, 2x10GbE, IPMI

Kod producenta: ROMED8-2T



Category	Server
Form Factor	ATX
Dimensions	12" x 9.6"
CPU Socket	LGA 4094 (Socket SP3)
# of CPU sockets	1
Supported CPU's	AMD EPYC 7002 AMD EPYC 7003
Chipset	System on Chip
Memory Type	DDR4 ECC RDIMM DDR4 ECC LRDIMM
Memory Speed	3200 MHz
# of DIMM's	8
Integrated GPU	ASPEED AST2500
# of PCIe x16 4.0	7
# of USB Ports	2x USB 3.2 (rear) 1x USB Type C (rear) 1x USB 3.2 (header) 1x USB Type C (header)
# of SAS Ports	2
# of 10GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 17-pin Header

ROMED8-2T

- ATX 12" x 9.6"
- Single Socket SP3 (LGA4094) support AMD EPYC™ 7002/7001 series processor family
- Supports 8 Channels DDR4 3200/2933/2666/2400 RDIMM,LRDIMM/NV DIMM 8 x DIMM slots
- Supports 8x SATA3 6.0 Gb/s (from 2x mini SAS HD), 1x SATA DOM(BOM option), and 2 x M.2
- Supports 2 X 10G LAN by Intel X550 -AT2
- Supports 7 PCIe 4.0x 16
- Supports 2 OCulink(share with PCIE2 by Jumper)

Specyfikacja

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: 3200/2933/2666/2400MHz - LRDIMM: 3200/2933/2666/2400MHz
Napięcie	- 1.2V
Sloty rozszerzeń	
PCIe 3.0 x 16	- PCIe1: Gen3 x16 link - PCIe3: Gen3 x16 link - PCIe5: Gen3 x16 link - PCIe7: Gen3 x16 link
PCIe 3.0 x 8	- PCIe2: Gen3 x8 link - PCIe4: Gen3 x8 link - PCIe6: Gen3 x8 link
Magazynowanie	
Kontroler SATA	- 9 x SATA3 6.0 Gb/s (from 2x mini SAS HD and 1x SATA DOM port)
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 3.0	- 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 wentylatorów	- 7 Fans x 6-pin (1CPU/4Front/2Rear)
ATX Power	- 1 x (24-pin) + 1 x (8-pin) + 1 x (4-pin) + 1 x (6-pin)(6 pin for GPU for PCIE Slot)
Złącze panelu USB 3.2 (Gen1)	- 1 (supports 2 USB 3.0 ports)
Głośnik	- 1
BMC_SMB Header	- 1
Clear CMOS	- 1
PSU SMB Header	- 1
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-romed8-2t-1xskt-sp3-amd-epyc-7000-soc-sata-nvme-2xm2-2x10gbe-ipmi-p-7011.html>