

ASRock ROMED4ID-2T, 1xSKT SP3, AMD EPYC 7000, SoC, SATA, NVMe, 1xM.2, 2x10GbE, IPMI

Kod producenta: ROMED4ID-2T



Category	Server
Form Factor	Deep mini-ITX
Dimensions	6.7" x 8.2"
CPU Socket	LGA 4094 (Socket SP3)
# of CPU sockets	1
Supported CPU's	AMD EPYC 7003 AMD EPYC 7002
Chipset	System on Chip
Memory Type	DDR4 ECC RDIMM DDR4 ECC LRDIMM
Memory Speed	3200MHz
# of DIMM's	4
Integrated GPU	ASPEED AST2500
# of PCIe x16 4.0	1
# of USB Ports	2 x USB 3.2 (rear) 2 x USB 2.0 (header)
# of SAS Ports	6
# of 10GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	SPEED AST2500
TPM	1 x TPM 2.0 17-pin Header

ROMED4ID-2T

- Proprietary, 6.7" x 8.2"
- Single Socket SP3 supports AMD EPYC™ 7003 and 7002 series Processors
- 4 DIMMs
- 1 PCIe4.0 x 16
- 2 Slimline (PCIe 4.0 x8 or 8 SATA 6Gb/s), 4 Slimline (PCIe 4.0 x8)
- 1 M-key (PCIe4.0 x4/SATA)

Specyfikacja

Parametry płyty głównej

Standard	Proprietary (Deep mini-ITX)
Wymiary	6.7"x 8.2"

Procesor

CPU	Supports AMD EPYC™ 7003* and 7002 Series Processors *A BIOS update is required to support AMD EPYC™ 7003 Series Processors.
Socket	1 Socket SP3 (LGA4094)
Chipset	System on chip
Pamięć operacyjna	
Pojemność	4 DDR4 288-pin DIMM slots (1DPC)
Rodzaj	DDR4 R-DIMM/ LR-DIMM/ NV-DIMM
DIMM Size Per DIMM	R-DIMM: 64GB, 32GB, 16GB, 8GB LR-DIMM: 256GB*, 128GB, 64GB * 256GB is to be validated
DIMM Frequency	R-DIMM: 3200/2933/2666/2400MHz LR-DIMM: 3200/2933/2666/2400MHz
Napięcie	1.2V
Sloty rozszerzeń	
PCIe x 16	SLOT7: PCIe4.0 x16
M.2	1 M-key (PCIe4.0 x4/SATA); Form factor: 2280
TPM	
TPM support	TPM2-SLI
Magazynowanie	
Kontroler SATA	AMD EPYC™ Processors: supports 16 SATA 6Gb/s from 2 Slimline supports 1 SATA 6Gb/s M.2
Slimline for U.2	2 Slimline (PCIe 4.0 x8 or 8 SATA 6Gb/s) 4 Slimline (PCIe 4.0 x8)
Ethernet	
Additional GbE Controller	1 Intel® X550-AT2: 2 RJ45 (10 GbE)
Kontroler LAN	1 RJ45 Dedicated IPMI LAN port
Zarządzanie	
Kontroler BMC	ASPEED AST2500
IPMI Dedicated GLAN	1 x Realtek RTL8211E for dedicated management GLAN
Grafika	
Kontroler	ASPEED AST2500
Tylny panel I/O	
Port VGA	1 DB15
Port USB 3.0	2 Type A
Port Lan	2 RJ45 (10GbE)
Dedicate LAN	1 RJ45
UID Button/UID LED	1
Złącza wewnętrzne	

Port śledź COM	1
Złącze panelu AUX	1 (9-pin): chassis intrusion, system fault LED, LAN activity LED
Złącze TPM	1 (13-pin, LPC)
Złącze czujnika temperatury	1
Złącze IPMB	1
Złącze wentylatorów	3 (4-pin)
Other Power Connectors	1 (4-pin, 12V and 5V) for using 12V DC-in PSU
Złącze panelu USB 2.0	1 (support 2 USB2.0)
NMI Header	1
System Panel	1 (9-pin): power switch, reset switch, system power LED, HDD activity LED
Głośnik	1
BMC_SMB Header	1
Power Connector	1 (4-pin, ATX PSU signal and 5Vsb), 2 (8-pin, ATX 12V) support 12V DC-in
Clear CMOS	1 (contact pads)
Onboard LED	
Standby PWR LED 5vsb	1
Fan Fail LED	3
BIOS	
Rodzaj BIOS	256Mb SPI Flash ROM
Hardware Monitor	
Temperatura	CPU, TRMB_IN, TRMB_OUT1 temperature sensing
Wentylator	Fan Tachometer CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) Fan Multi-Speed Control
Napięcie	1.8VSB,3VSB,5VSB,1.8V,3V,5V,12V,BAT,VCPU,VSOC,VCCM ABCD,VCCM EFGH
Obsługiwane systemy	

System operacyjny	Microsoft® Windows:
	Server 2016 (64bit)
	Server 2019 (64bit)
	Linux:
	RedHat Enterprise Linux Server 8.2 (64bit) / 7.9 (64bit)
	CentOs 8.2 (64 bit) / 7.9 (64 bit)
	SUSE SLES 15.2(64 bit) / 12.5(64bit)
	UBuntu 20.04.1 (64 bit) /18.04.5 (64 bit) / 16.04.7 (64 bit)
	Hypervisor:
	VMWare® ESXi 6.7 u3 / 7.0 u1
	vSphere 6.7 u3 / 7.0 u1
	CITRIX Hypervisor 8.1.0

Środowisko

Temperatura Operation temperature: 10°C ~ 35°C / Non operation temperature: -40°C ~ 70°C

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-romed4id-2t-1xskt-sp3-amd-epyc-7000-soc-sata-nvme-1xm2-2x10gbe-ipmi-p-5100.html>