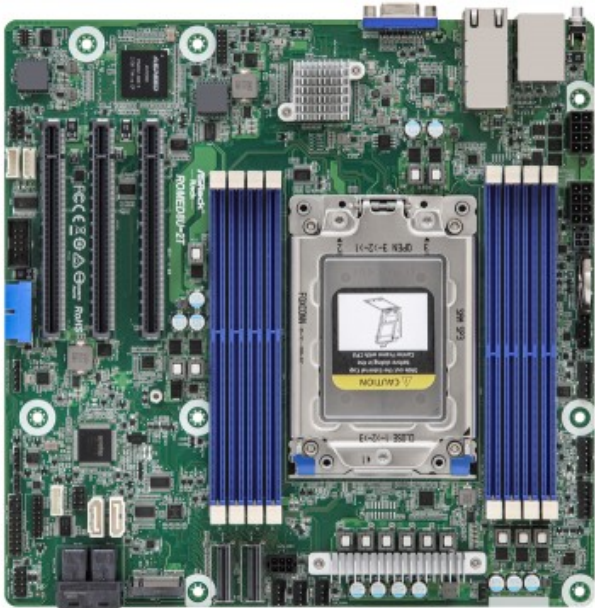


ASRock ROMED8U-2T, 1xSKT SP3, AMD EPYC 7000, SoC, SATA, NVMe, 1xM.2, 2x10GbE, IPMI

Kod producenta: ROMED8U-2T



Category	Server
Form Factor	Micro-ATX
Dimensions	9.6" x 9.6"
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	8
Max Memory Size	256GB
# of PCIe x16 4.0	3
# of USB Ports	2 x USB 3.2 (rear) 2 x USB 3.2 (header)
# of SATA Ports	2
# of SAS Ports	4
# of 10GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 17-pin Header

ROMED8U-2T

- Micro-ATX (9.6" x 9.6")
- Supports AMD EPYC™ 7003 and 7002 series Processors
- 8 DIMM slots (1DPC), supports DDR4 RDIMM, LRDIMM, RDIMM/LRDIMM-3DS
- 3 PCIe4.0 x16
- 2 SlimSAS (PCIe4.0 x8)
- Supports 1 M.2 (PCIe4.0 x4 or SATA 6Gb/s)
- 11 SATA 6Gb/s (from 2 Mini-SAS HD, 2 SATA 7-pin, 1 M.2)
- 2 RJ45 (10GbE) by Intel® X710-AT2
- Remote Management (IPMI)

Specyfikacja

Dimensions	9.6" x 9.6" (244 mm x244 mm)
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Procesor

CPU	Support AMD EPYC™ 7003* and 7002 Series Processors *A BIOS update is required to support AMD EPYC™ 7003 Series Processors.
Socket	Single Socket SP3 (LGA4094)
Chipset	System on Chip

Pamięć operacyjna

Supported DIMM Quantity	8 DIMM slots (1DPC)
Supported Type	Supports DDR4 288-pin RDIMM, LRDIMM, RDIMM/LRDIMM-3DS
Max. Capacity per DIMM	RDIMM: up to 64GB LRDIMM: up to 128GB RDIMM/LRDIMM-3DS: up to 256GB
DIMM Frequency	RDIMM/ LRDIMM: max. 3200MHz
Voltage	1.2V

Sloty rozszerzeń

PCIe x 16	SLOT6: PCIe4.0 x16 SLOT5: PCIe4.0 x16 SLOT4: PCIe4.0 x16
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Pozostałe złącza PCIe

M.2 slot	1 M-key (PCIe4.0 x4 or SATA 6Gb/s), supports 2280 form factor
SlimSAS	2 SlimSAS (PCIe4.0 x8)

Magazynowanie

PCH Built-in Storage	AMD EPYC 7003/7002 (11 SATA 6Gb/s): 2 Mini-SAS HD, 2 SATA 7-pin, 1 M.2
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Ethernet

Additional GbE Controller	1 Intel® X710-AT2: 2 RJ45 (10GbE)
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Zarządzanie

BMC Controller	ASPEED AST2500
IPMI Dedicated GLAN	1 x Realtek RTL8211E for dedicated management GLAN

Grafika

Controller	ASPEED AST2500
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Tylny panel I/O

UID Button/LED	1
VGA Port	1 DB15
USB 3.2 Gen1 Port	2 Type-A (USB3.2 Gen1)
RJ45	2 RJ45 (10GbE)

Dedicate LAN	1 RJ45 (Dedicated IPMI)
Złącza wewnętrzne	
Other Power Connectors	1 (6-pin) for HDD power
Auxiliary Panel Header	1 (18-pin): chassis intrusion, system fault LED, locate, SMBus
System Panel	1 (9-pin): power switch, reset switch, system power LED, HDD activity LED
NMI Button	1
COM Header	1
Speaker Header	1
Fan Header	6 (6-pin)
Thermal Sensor Header	1
TPM Header	1 (13-pin, SPI), 1 (17-pin, LPC)
SGPIO Header	1
HSBP	1
SMBus header	1
PMB header	1
IPMB Header	1
Clear CMOS	1 (contact pads)
USB 3.2 (Gen1) Header	1 (19-pin, 2 USB3.2 Gen1)
Power Connector	2 (8-pin, ATX 12V), 1 (4-pin, ATX)
LED Indicators	
Standby PWR LED 5vsb	1
Fan Fail LED	6
BMC heartbeat LED	1
System BIOS	
BIOS Type	32MB AMI UEFI Legal BIOS
BIOS Features	Plug and Play (PnP), ACPI 2.0 Compliance Wake Up Events, SMBIOS 2.8.0, ASRock Rack Instant Flash
Hardware Monitor	
Temperature	CPU, Memory, MB, Card side Temperature Sensing

Fan	CPU/Rear/Front Fan Tachometer CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) CPU/Rear/Front Fan Multi-Speed Control"
Voltage	Voltage Monitoring: Vsoc,Vcpu, VCCM, VPPM, 3v/5v/12v, +BAT, 3VSB, 5VSB
Środowisko	
Temperature	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-romed8u-2t-1xskt-sp3-amd-epyc-7000-soc-sata-nvme-1xm2-2x10gbe-ipmi-p-5378.html>