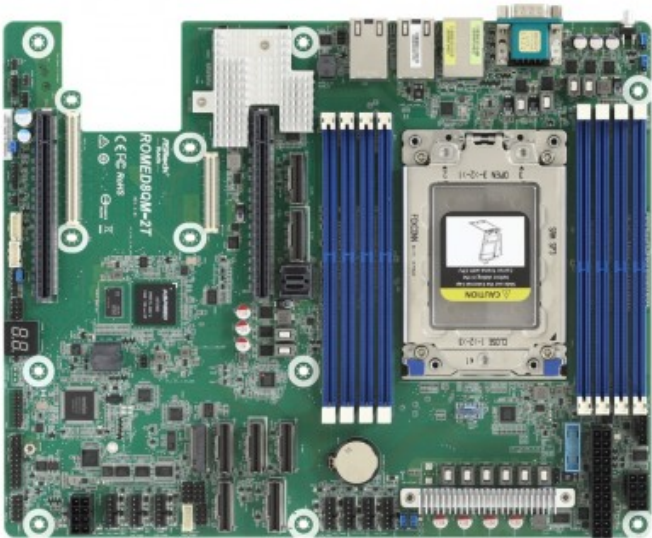


ASRock ROMED8QM-2T, 1xSKT SP3, AMD EPYC 7002, SoC, SATA, NVMe, 1xM.2, 2x10GbE, IPMI

Kod producenta: ROMED8QM-2T



Category	Server
Form Factor	ATX
Dimensions	12" x 9.6"
CPU Socket	LGA 4094 (Socket SP3)
Supported CPU's	AMD EPYC 7002
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	2
# of USB Ports	2x USB 3.2 (rear) 2x USB 3.2 (header)
# of NVMe ports	7
# of SAS Ports	1
# of 10GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 17-pin Header

ROMED8QM-2T

- ATX 12" x 9.6"
- Single Socket SP3 (LGA4094) support AMD EPYC™ 7002 series processor family
- Supports 8 Channels DDR4 2666/2400/2133 RDIMM, and LRDIMM, 8 x DIMM slots
- Supports 4 x SATA3 6.0 Gb/s (from 1x mini SAS HD), 1x M.2, 7 x Silmline
- Supports 2x 10G-Base-T by Intel X550-AT2
- Supports 2x PCIe4.0x 16
- Supports 1 x mezzanine A/ 1 x mezzanine B

Specyfikacja

Parametry płyty głównej	
Standard	- ATX
Wymiary	- 12" x 9.6" (30.5 cm x 24.4 cm)
Procesor	
CPU	- AMD EPYC™ 7002 Series Processor Family (ROME)

Socket	- Single Socket SP3 (LGA4094)
Chipset	- N/A
Pamięć operacyjna	
Pojemność	- RDIMM: 64GB*,32GB, 16GB, 8GB - LRDIMM: 128GB**, 64GB*, 32GB - NV DIMM:32GB*** *64GB: wait for the device to be validated **128GB: wait for the device to be validated ***Wait for the device to be validated
Rodzaj	- Eight Channel DDR4 memory technology - Supports DDR4 RDIMM, LRDIMM
DIMM Frequency	- RDIMM: 3200MHz - LRDIMM: 2666MHz - NVDIMM: 2666MHz* *Wait for the device to be validated
Napięcie	- 1.2V
Sloty rozszerzeń	
PCIe 4.0 x 16	- PCIe1: Gen4 x16 link - PCIe6: Gen4 x16 link
Mezzanine slot	- 1 x OCP Mezzanine Type A (Gen3 x8) - 1 x OCP Mezzanine Type B (Gen3 x8)
Magazynowanie	
Kontroler SATA	- 4 x SATA3 6.0 Gb/s (from mini SAS HD, Gen3)
Slimline for U.2	- SLIM1: PCIe Gen4 x8 (Support SATA) - SLIM2: PCIe Gen4 x8 (Support SATA) - SLIM3: PCIe Gen4 x8 - SLIM4: PCIe Gen4 x8 - SLIM5: PCIe Gen4 x8 - SLIM6: PCIe Gen4 x8 (Support SATA) - SLIM7: PCIe Gen4 x8
M.2 slot	- 1 (2230/2242/2260/2280, SATA x1 or PCIe Gen3 x4)
Ethernet	
Interfejs	- 10000/1000 /100 Mbps by Intel® X550-AT2
Kontroler LAN	- 2 x RJ45 10G base-T by Intel® X550-AT2 - 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 256Mb
Tyłny 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	
M.2	- 1(M2_1: 2230/2242/2260/2280, SATA x1 or PCIE Gen3 x4
Złącze panelu AUX	- 1 (includes chassis intrusion, location button & LED, and front LAN LED)
TR1	- 1
Złącze TPM	- 1
Złącze IPMB	- 1
Brzęczyk	- N/A
Złącze wentylatorów	- 7 x system Fans x 6-pin (1CPU/6 Front)
ATX Power	- 1x (24-pin) + 1x (8-pin)
Złącze panelu USB 3.2 (Gen1)	- 1 (supports 2 USB 3.1 Gen1 ports)
PSU SMB Header	- 1
NMI Button	- 1
Panel frontowy	- 1
Głośnik	- 1
Mezzanine	- 1 x OCP mezzanine A/1x OCP mezzanine B
Storage Mezzanine	- 1 x OCP Mezzanine Type A (Gen3 x8) - 1 x OCP Mezzanine Type B (Gen3 x8)
BMC_SMB Header	- 1
Panel Header	- 1
SGPIO Header	- 4
CPU HSBP	- 1
Clear CMOS	- 1
Onboard LED	
Port 80 LED	- 1
Fan Fail LED	- 7 (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 / RTL8211E/X550 Environment Temperature Sensing - MB_A/MB_B/x550/Card side Temperature Sensing
Wentylator	- CPU/Front Fan Tachometer - CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) - CPU/Front Fan Multi-Speed Control
Napięcie	- Voltage Monitoring: +12V, +5V, +3.3V, CPU Vcore, DRAM, 1.05V_PCH, +BAT, 3VSB, 5VSB
Obsługiwane systemy	
System operacyjny	Microsoft® Windows® - Server 2016 (64 bit) - Server 2019 (64 bit)
	Linux - RedHat Enterprise Linux Server 8.0 (64 bit) / 7.6 (64 bit) - CentOS 8.0 (64 bit) / 7.6 (64 bit) - SUSE SLES 15.1 (64 bit) / 12.4 (64 bit) - Ubuntu 18.04.3 (64 bit) / 16.04.6 (64 bit) - CITRIX Hypervisor 8.1
	Virtual: - VMWare® ESXi 6.5 u3 / 6.7 u3 - vSphere 6.5 u3/ 6.7 u3
	*The SUSE Enterprise Linux Server 15.1 (64 bit) / 12.4 (64 bit) system only supports UEFI BOOT.
	*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 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-romed8qm-2t-1xskt-sp3-amd-epyc-7002-soc-sata-nvme-1xm2-2x10gbe-ipmi-p-4749.html>