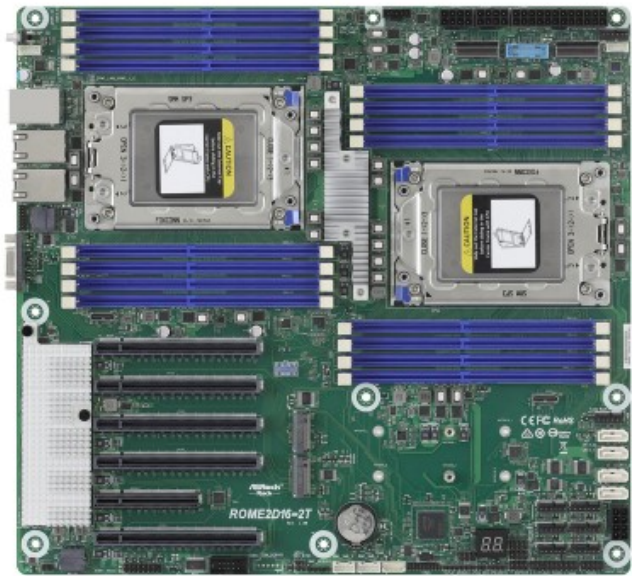


ASRock ROME2D16-2T, 2xSKT SP3, AMD EPYC 7000, SoC, SATA, NVMe, 2xM.2, 2x10GbE, IPMI

Kod producenta: ROME2D16-2T



Category	Server
Form Factor	EEB
Dimensions	12" x 13"
CPU Socket	LGA 4094 (Socket SP3)
# of CPU sockets	2
Supported CPU's	AMD EPYC 7003 AMD EPYC 7002
Chipset	System on Chip
Memory Type	DDR4 ECC RDIMM DDR4 ECC LRDIMM DDR4 ECC 3DS RDIMM DDR4 ECC 3DS LRDIMM DDR4 ECC NVDIMM-N
Memory Speed	3200MHz
# of DIMM's	16
Integrated GPU	ASPEED AST2500
# of PCIe x16 4.0	5
# of PCIe x8 4.0	1
# of USB Ports	2x USB 3.2 (rear) 2x USB 3.2 (header)
# of 10GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 17-pin Header

ROME2D16-2T

- EEB (12" x 13")
- Support Dual AMD EPYC™ 7003 and 7002 series Processors
- 5 PCIe4.0 x16, 1 PCIe4.0 x8
- 2 SlimSAS (PCIe4.0 x8 or 8 SATA 6Gb/s)
- 2 OCulink (PCIe4.0 x4 or 4 SATA 6Gb/s)
- 2 M.2
- 4 SATA 6Gb/s
- Dual 10 GbE RJ45
- Remote management (IPMI)

Specyfikacja

Standard	EEB
Wymiary	12" x 13" (305mm x 330mm)
Procesor	
CPU	Support Dual AMD EPYC™ 7003* and 7002 Series Processors
	*A BIOS update is required to support AMD EPYC™ 7003 Series Processors.
Socket	1+1 SP3 (LGA4094)
Zasilanie	280 W
Chipset	System on Chip
Pamięć operacyjna	
Pojemność	8+8 DIMM (1DPC)
Rodzaj	DDR4 288-pin RDIMM, LRDIMM, NVDIMM
DIMM Size Per DIMM	RDIMM: up to 64GB, LRDIMM: up to 256GB, NVDIMM: up to 32GB
DIMM Frequency	RDIMM/ LRDIMM: up to 3200 MHz NVDIMM: up to 2666 MHz
Napięcie	1.2V
Sloty rozszerzeń	
PCIe x 16	SLOT6: PCIe x16 (PCIe 4.0 x16) [CPU1] SLOT5: PCIe x16 (PCIe 4.0 x16) [CPU0] SLOT4: PCIe x16 (PCIe 4.0 x16) [CPU1] SLOT3: PCIe x16 (PCIe 4.0 x16) [CPU0] SLOT1: PCIe x16 (PCIe 4.0 x16) [CPU0]
PCIe x 8	SLOT2: PCIe x8 (PCIe 4.0 x8) [CPU1]
M.2	1 M-key (PCIe4.0 x4 or SATA 6Gb/s), supports 22110/2280/2242 form factor [CPU0] 1 M-key (PCIe4.0 x4), supports 22110/2280/2242 form factor [CPU0]
Magazynowanie	
Kontroler SATA	"AMD EPYC 7003/7002 (21 SATA 6Gb/s): CPU0: 1 SlimSAS, 1 OCuLink, 1 M.2 CPU1: 1 SlimSAS, 1 OCuLink, 4 SATA 7-pin
Slimline for U.2	2 SlimSAS (PCIe4.0 x8 or 8 SATA 6Gb/s) [CPU0, CPU1]* *SlimSAS from CPU0 support PCIe only while installing 2 processors
OCuLink for U.2	2 Oculink (PCIe4.0 x4 or 4 SATA 6Gb/s) [CPU0,CPU1]
Ethernet	
Additional GbE Controller	1 IntelX550-AT2: 2 RJ45 (10 GbE)
Zarządzanie	
Kontroler BMC	ASPEED AST2500: IPMI2.0 with iKVM and vMedia support
IPMI Dedicated GLAN	1 x Realtek RTL8211E for dedicated management GLAN
Grafika	
Kontroler	ASPEED AST2500: 1 DB15
Tylny panel I/O	
Port VGA	1 DB15(VGA)

Port USB 3.0	2 Type A
Port Lan	2 RJ45 (10GbE)
Dedicate LAN	1 dedicated IPMI
UID Button/UID LED	1
Złącza wewnętrzne	
Port śledź COM	1
Złącze panelu AUX	1 (18-pin): chassis intrusion, system fault LED, LAN1/LAN2 activity LED, locate, SMBus
Złącze TPM	1 (17-pin, LPC), 1 (13-pin, SPI)
Złącze IPMB	1
Złącze VGA	1
Złącze wentylatorów	8 (6-pin)
Złącze panelu USB 3.2 (Gen1)	2 via 19-pin header
NMI Header	1
System Panel	1 (9-pin): power switch, reset switch, system power LED, HDD activity LED
BMC_SMB Header	2
SGPIO Header	4
CPU HSBP	1
Power Connector	1 (24-pin, ATX main power), 3 (8-pin, ATX 12V)
Clear CMOS	contact pads
Onboard LED	
Standby PWR LED 5vsb	1
Port 80 LED	1
Fan Fail LED	8
BIOS	
Rodzaj BIOS	32MB AMI UEFI Legal BIOS
Cechy BIOS	Plug and Play (PnP), ACPI 2.0 Compliance Wake Up Events, SMBIOS 2.8.0, ASRock Rack Instant Flash
Hardware Monitor	
Temperatura	CPU, MB, Card side, X550 Temperature Sensing
Wentylator	Fan Tachometer CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) Fan Multi-Speed Control
Napięcie	Vsoc,Vcpu, VCCM, VPPM, +1.8V, +3V,+5V, +12V, BAT, +1.8VSB, +3VSB, +5VSB
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
	*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-rome2d16-2t-2xskt-sp3-amd-epyc-7000-soc-sata-nvme-2xm2-2x10gb-e-ipmi-p-5101.html>