

ASRock TRX40D8-2N2T, 1xSKT TR4, AMD Ryzen, TRX40, SATA, 2xM.2, 2x2,5GbE, 2x10GbE, IPMI

Kod producenta: TRX40D8-2N2T



Category	Server
Form Factor	ATX
Dimensions	12" x 9.6"
CPU Socket	LGA 4094P (Socket TR4)
# of CPU sockets	1
Supported CPU's	AMD Ryzen Threadripper TR4+
Chipset	TRX40
Memory Type	DDR4 ECC UDIMM DDR4 non-ECC UDIMM
Memory Speed	3200 MHz
# of DIMM's	8
Max Memory Size	256 GB
# of PCIe x16 4.0	3
# of PCIe x8 4.0	1
# of SATA Ports	4
# of SATA DOM power	2
Integrated RAID	0,1,10
# of M.2 2280	1
# of M.2 22110	1
# of 2.5GbE Ports	2 x RJ45
# of 10GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 13-pin Header

TRX40D8-2N2T

- ATX (12"x 9.6)
- supports 3rd Gen AMD Ryzen™ Threadripper™
- 3 dual slot PCIe4.0x16
- 1 PCIe 4.0x8
- 2 RJ45 (10GbE), 2 RJ45 (2.5GbE)
- 2 M.2 PCIe4.0x4

Specyfikacja

Parametry płyty głównej		
Standard	ATX	© 2024 www.superstorage.pl poniedziałek, 29 kwiecień 2024

Wymiary	- 12" x 9.6" (30.5 cm x 24.4 cm)
Procesor	
CPU	- Supports AMD Ryzen™ Threadripper™ TR4+ Series Processors
Socket	- AMD Socket TR4 4094P
Chipset	- AMD TRX40
Pamięć operacyjna	
Pojemność	- 8 x 288-pin DDR4 DIMM slots - Supports up to 256GB DDR4 ECC & non-ECC U-DIMM
Rodzaj	- Dual Channel Memory Technology - Supports DDR4 ECC U-DIMM
DIMM Size Per DIMM	- ECC U-DIMM: 32GB, 16GB, 8GB, 4GB
DIMM Frequency	- ECC / non-ECC U-DIMM: 4666(OC)+ / 4600(OC) / 4533(OC) / 4466(OC) / 4400(OC) / 4333(OC) / 4266(OC) / 4200(OC) / 4133(OC) / 4000(OC) / 3866(OC) / 3800(OC) / 3733(OC) / 3600(OC) / 3466(OC) / 3200 / 2933 / 2667 / 2400 / 2133 MHz
Napięcie	- 1.2V
Sloty rozszerzeń	
PCIe 4.0 x 16	- SLOT3: Gen4 x16 link - SLOT5: Gen4 x16 link - SLOT7: Gen4 x16 link
PCIe 4.0 x 8	- SLOT1: Gen4 x 8 link
M.2	- 2 x M-key (PCIe4.0 x4) support 2230/2242/2260/2280/22110
Magazynowanie	
Kontroler SATA	- TRX40: 2 x SATA 6Gb/s; 2x SATA DOM, support RAID 0, 1, 10
Additional Storage Controller	- Asmedia 1061: 2 x SATA3 6.0 Gb/s (A_SATA0/A_SATA1)
OCuLink for U.2	- 1 OCuLink (PCIe3.0 x4) [BTO*] *Please contact ASRock Rack for further information
Ethernet	
Interfejs	- 10Gbps/2.5Gbps
Kontroler LAN	- 2 x RJ45 10GbEby Intel® X710-AT2 - 2 x RJ45 2.5GbEby Intel® i225 - Supports Wake-On-LAN - Supports Energy Efficient Ethernet 802.3az - Supports PXE - LAN3 Supports NCSI
Zarządzanie	
Kontroler BMC	- ASPEED AST2500 : IPMI (Intelligent Platform Management Interface) 2.0 with IChM and vMedia support
IPMI Dedicated GLAN	- 1 x Realtek RTL8211E for dedicated management
Funkcje	- NMI
Grafika	
Kontroler	- ASPEED AST2500
VRAM	- DDR4 16MB
Tylny panel I/O	

PS/2 KB/Mouse	- 1
Port VGA	- 1 x D-Sub
Port USB 3.0	- 2
Port USB 3.2	- 2 (1 type A, 1 type C)
Port Lan	- 2 x RJ45: 2 x 10GbE by Intel® X710-AT2 - 2 x RJ45: 2 x 2.5GbE by Intel® i225 - 1 x IPMI dedicated LAN - LAN Ports with LED (ACT/LINK LED and SPEED LED)
UID Button/UID LED	- 1
Power connector in Front side	
Power connector	- 1 ATX 24-pin, 2 ATX 12V 8-pin
Złącza wewnętrzne	
Port J1ledL COM	- 1
SATA DOM	- 2
SPI connector	- 1
Złącze panelu AUX	- 1 (includes chassis intrusion, location button & LED, system fault LED, and front LAN LED)
TR1	- 1
Złącze TPM	- 1
Złącze IPMB	- 1
Złącze VGA	- 1
Brzęczyk	- 1
Złącze wentylatorów	- 6 x 6-pin Fans
ATX Power	- 1 x (24-pin) + 1 x (8-pin) + 1 x (8-pin)
Złącze panelu USB 3.2 (Gen1)	- 1
Złącze panelu USB 2.0	- 1 (support 2 USB2.0 ports)
Port USB 3.2 (Gen1) Type A	- 1
NMI Button	- 1
Panel frontowy	- 1 (RST, PWRBTN, HDDLED, PWRLED)
System Panel	- 1 (9-pin): power switch, reset switch, system power LED, HDD activity LED
Głośnik	- 1
BMC_SMB Header	- 1
Clear CMOS	- 1 (short pad)
PSU SMB Header	- 1

Onboard LED

Standby PWR LED	- 1
5vsb	
Port 80 LED	- 1
Fan Fail LED	- 6 (Fan Fail LED only)

BIOS

Rodzaj BIOS	- BIOS Type 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 - System Temperature Sensing - Card side Temperature Sensing - System TR Temperature Sensing
Wentylator	- CPU/Rear/Front Fan Tachometer - CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) - CPU/Rear/Front Fan Multi-Speed Control
Napięcie	+3VSB, +5VSB, VCORE, VCORE_NB, VCCM_AB, VCCM_CD, BAT, 3V, 5V, 12V

Obsługiwane systemy

System operacyjny	- Microsoft® Windows® - Windows® 10 (64 bit) - Linux - CentOS 8.1 (64 bit) *The Linux system does not support Raid mode. *Please refer to our website for the latest OS support list.
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Środowisko

Temperatura	Operation temperature: 10°C ~ 35°C / Non operation temperature: -40°C ~ 70°C
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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-trx40d8-2n2t-1xskt-tr4-amd-ryzen-trx40-sata-2xm2-2x25gbe-2x10gbe-ipmi-p-4752.html>