

ASRock X570D4U, 1xSKT AM4, AMD Ryzen, X570, SATA, 2xM.2, 2xGbE, IPMI

Kod producenta: X570D4U



Category	Server
Form Factor	Micro-ATX
Dimensions	9.6" x 9.6"
CPU Socket	PGA 1331 (Socket AM4)
# of CPU sockets	1
Supported CPU's	AMD Ryzen 5000G AMD Ryzen 4000G AMD Ryzen 3000G AMD Ryzen 5000 AMD Ryzen 3000 AMD Ryzen PRO 5000 AMD Ryzen PRO 4000 AMD Ryzen PRO 3000
Chipset	X570
Memory Type	DDR4 ECC UDIMM DDR4 non-ECC UDIMM
Memory Speed	3200 MHz
# of DIMM's	4
Max Memory Size	128 GB
Integrated GPU	ASPEED AST2500
# of PCIe x16 4.0	1
# of USB Ports	2 x USB 3.2 (rear) 2 x USB 3.2 (header)
# of SATA Ports	7
# of SATA DOM power	1
# of 1GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 17-pin Header

X570D4U

- micro-ATX (9.6"x 9.6")
- supports AMD Ryzen™ 4000 Series Desktop Processors with Radeon™ Graphics
- 4 DIMMs
- 1 PCIe 4.0 x16, 1 PCIe4.0 x8, 1 PCIe4.0 x1
- Dual 1 GbE RJ45
- 2 M.2 (PCIe4.0x4/ SATA)
- 8 SATA 6Gb/s
- HDMI
- AST2500 Remote management (IPMI)

Specyfikacja

Parametry płyty głównej	
Standard	micro-ATX
Wymiary	9.6"x9.6" (244mmx 244mm)
Procesor	
CPU	supports: AMD Ryzen™ 4000 G-Series Desktop Processors with Radeon™ Graphics AMD Ryzen™ PRO 4000 and 3000 Series Desktop Processors 3rd Gen AMD Ryzen™ Desktop Processors 2nd Gen AMD Ryzen™ Desktop Processors with Radeon™ Vega Graphics
Socket	AM4 PGA 1331
Zasilanie	105W
Chipset	AMD X570
Pamięć operacyjna	
Pojemność	4 DIMM slots (2DPC)
Rodzaj	288-pin DDR4 ECC* and non-ECC UDIMM * ECC support varies by CPU
DIMM Size Per DIMM	up to 32GB per DIMM
DIMM Frequency	AMD Ryzen™ 4000 Series Desktop Processors with Radeon™ Graphics/ 3rd Gen AMD Ryzen™ Processors : up to 3200 MHz 2nd Gen AMD Ryzen™ Desktop Processors with Radeon™ Vega Graphics: up to 2666 MHz
Napięcie	1.2V
Sloty rozszerzeń	
PCIe 4.0 x 16	SLOT6: Latch PCIe x16 (PCIe 4.0 x16)* [CPU], auto switch to PCIe4.0 x8 when SLOT4 is occupied *Supports PCIe3.0 x8 when using 2nd Gen AMD Ryzen™ Desktop Processors with Radeon™ Vega Graphics
PCIe 4.0 x 8	SLOT4: Open-end PCIe x8 (PCIe 4.0 x8)* [CPU] *Disabled when using 2nd Gen AMD Ryzen™ Desktop Processors with Radeon™ Vega Graphics
PCIe 4.0 x 1	SLOT5: PCIe 4.0 x1* *Supports PCIe3.0 when using 2nd Gen AMD Ryzen™ Desktop Processors with Radeon™ Vega Graphics
M.2	1 M-key (PCIe4.0* x4 or SATA 6Gb/s); Form factor: 22110/2280/2260/2242 [CPU] 1 M-key (PCIe4.0* x4 or SATA 6Gb/s); Form factor: 2280/2260/2242 [X570] *Supports PCIe3.0 when using 2nd Gen AMD Ryzen™ Desktop Processors with Radeon™ Vega Graphics
Magazynowanie	
Kontroler SATA	X570 (12 SATA 6Gb/s, support RAID 0/1/10): 8 SATA 7-pin connectors, including 1 support SATA DOM 4 SATA via optional M2-HD M.2 device
Ethernet	
Additional GbE Controller	2 RJ45 (1GbE) by Intel® i210

Zarządzanie	
Kontroler BMC	ASPEED AST2500 : IPMI (Intelligent Platform Management Interface) 2.0
IPMI Dedicated GLAN	1 x Realtek RTL8211E for dedicated management GLAN
Grafika	
Kontroler	ASPEED AST2500: 1 DB15, 1 (15-pin) header AMD Ryzen™ 4000 Series Desktop Processors with Radeon™ Graphics/ 2 nd Gen AMD Ryzen™ Desktop Processors with Radeon™ Vega Graphics: 1 HDMI
Tylny panel I/O	
HDMI	1
Port VGA	1
Port USB 3.2	2
Port Lan	2 RJ45(1GbE)
Dedicate LAN	1
Port szeregowy	1
UID Button/UID LED	1
Złącza wewnętrzne	
Front Lan LED Connector	1 for LAN3/LAN4
Złącze panelu AUX	1 (18-pin): chassis intrusion, system fault LED, LAN1/LAN2 activity LED, locate, SMBus
TR1	1
Złącze TPM	1 (17-pin, LPC), 1 (13-pin, SPI)
Złącze IPMB	1
Złącze VGA	1
Brzęczyk	1
Złącze wentylatorów	3 (6-pin), 3 (4-pin)
Panel frontowy	1 (9-pin): power switch, reset switch, system power LED, HDD activity LED
Głośnik	1
BMC_SMB Header	1
Power Connector	1 ATX main power (24-pin), 1 ATX 12V (8-pin)
Clear CMOS	1 contact pads
Onboard LED	
Standby PWR LED 5vsb	1
Port 80 LED	1

Fan Fail LED 6

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 Support, ASRock Rack Instant Flash

Hardware Monitor

Temperatura CPU/ DRAM/ MB/ Card Side/X570 temperature sensing

Wentylator Fan Tachometer

Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature)
Fan Multi-Speed Control

Napięcie 3VSB, 5VSB, VCPU, VSOC, VCCM, APU VDDP, PM VDD CLDO, PM VDDCR S5, PM VDDCR, BAT, 3V, 5V, 12V

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-x570d4u-1xskt-am4-amd-ryzen-x570-sata-2xm2-2xgbe-ipmi-p-4747.html>