

ASRock X570D4U-2L2T/BCM, 1xSKT AM4, AMD Ryzen 5000, X570, 4xDIMM, SATA, 2xM.2, 2xGbE, 2x10GbE, IPMI

Kod producenta: X570D4U-2L2T/BCM



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 2666 MHz
# of DIMM's	4
Max Memory Size	128 GB
Integrated GPU	ASPEED AST2500
# of PCIe x16 4.0	1
# of PCIe x8 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 10GbE Ports	2 x RJ45
# 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-2L2T/BCM

- Micro-ATX (9.6"x 9.6")
- Supports AMD Ryzen™ 5000 Series Desktop Processors
- 4 DIMM slots (2DPC), supports DDR4 ECC/non-ECC UDIMM
- 1 PCIe4.0 x16, 1 PCIe4.0 x8, 1 PCIe4.0 x1
- Supports 2 M.2 (PCIe4.0 x4 or SATA 6Gb/s)
- 8 SATA 6Gb/s

- 2 RJ45 (10GbE) by Broadcom BCM57416
- 2 RJ45 (1GbE) by Intel® i210
- HDMI
- Remote management (IPMI)

Specyfikacja

Parametry płyty głównej	
Standard	Micro-ATX
Wymiary	9.6"x9.6" (244mmx 244mm)
Procesor	
CPU	Supports: AMD Ryzen™ 5000, 4000 and 3000 G-Series Desktop Processors with Radeon™ Graphics AMD Ryzen™ 5000 and 3000 Series Desktop Processors AMD Ryzen™ PRO 5000, 4000 and 3000 Series Desktop Processors
Socket	Single Socket AM4 (PGA1331)
Zasilanie	105W
Chipset	AMD X570
Pamięć operacyjna	
Pojemność	4 DIMM slots (2DPC)
Rodzaj	Supports DDR4 288-pin ECC*/non-ECC UDIMM *For AMD Ryzen Desktop Processors with Radeon Graphics, ECC support is only with Processors with PRO technologies.
DIMM Size Per DIMM	up to 32GB
Max. DIMM Frequency	up to 3200 MHz* * AMD Ryzen™ 3000 G-Series Desktop Processors with Radeon™ Graphics support up to 2666 MHz
Napięcie	1.2V
Sloty rozszerzeń	
PCIe x 16	SLOT6: PCIe x16 (PCIe 4.0 x16)* [CPU], auto switch to x8 when SLOT4 is occupied *Supports PCIe3.0 x8 when using AMD Ryzen™ 3000 G-Series Desktop Processors with Radeon™ Graphics *Supports PCIe3.0 x16 when using AMD Ryzen™ 5000, 4000 G-Series Desktop Processors with Radeon™ Graphics
PCIe x 8	SLOT4: Open-end PCIe x8 (PCIe 4.0 x8)* [CPU] *Disabled when using AMD Ryzen™ 3000 G-Series Desktop Processors with Radeon™ Graphics *Supports PCIe3.0 x8 when using AMD Ryzen™ 5000, 4000 G-Series Desktop Processors with Radeon™ Graphics
PCIe x 1	SLOT5: PCIe4.0* x1 [FCH] *Supports PCIe3.0 when using AMD Ryzen™ 5000, 4000 and 3000 G-Series Desktop Processors with Radeon™ Graphics
Magazynowanie	
Kontroler SATA	AMD X570: 8 SATA 7-pin connectors, including 1 support SATA DOM
M.2 slot	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 [FCH] *Supports PCIe3.0 when using AMD Ryzen™ 5000, 4000 and 3000 G-Series Desktop Processors with Radeon™ Graphics

Ethernet	
Additional GbE Controller	2 RJ45 (10GbE) by Broadcom BCM57416 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™ Processors with Radeon™ Graphics: 1 HDMI
Tylny panel I/O	
Port VGA	1 DB15 (VGA), 1 HDMI
Port USB 3.2	2 Type-A (USB3.2 Gen2)
Port Lan	2 RJ45 (10GbE), 2 RJ45(1GbE), 1 dedicated IPMI
Port szeregowy	1 DB9 (COM)
UID Button/UID LED	1 UID button w/ LED
Złącza wewnętrzne	
Power Connector	1 (24-pin, ATX main power), 1 (8-pin, ATX 12V)
Front Lan LED Connector	1
Złącze panelu AUX	1 (18-pin): chassis intrusion, location button & LED, front LAN LED, system fault, and BMC alert
Złącze TPM	1 (17-pin, LPC), 1 (13-pin, SPI)
Złącze czujnika temperatury	1
Złącze IPMB	1
Złącze VGA	1
Brzęczyk	1
Złącze wentylatorów	3 (6-pin), 3 (4-pin)
Złącze panelu USB 3.2 (Gen1)	1 (19-pin, 2 USB3.2 Gen1)
System Panel	1 (9-pin): RST, PWRBTN, HDDLED, PWRLED
Głośnik	1
BMC_SMB Header	1
Clear CMOS	1 (contact pads)
Onboard LED	

Standby PWR LED 5vsb	1 (5VSB)
Port 80 LED	1
Fan Fail LED	6
BMC heartbeat LED	1

BIOS

Rodzaj BIOS	32MB AMI UEFI Legal BIOS
Cechy BIOS	Plug and Play, ACPI 6.2 compliance wake up events, SMBIOS 3.30, ASRock Rack instant flash

Hardware Monitor

Temperatura	CPU, X570, TR1, DDR, MB, Card Side, LAN Temperature sensing
Wentylator	Fan Tachomete 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, BCM_VDD1P8, BCM_V10PHYDIG

Środowisko

Temperatura	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 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-2l2tbcm-1xskt-am4-amd-ryzen-5000-x570-4xdimm-sata-2xm2-2xgbe-2x10gbe-ipmi-p-5771.html>