

ASRock AM5D4ID-2T/BCM, 1xSKT AM5, AMD Ryzen 7000, X300, 4xDIMM, 1xM.2, 2x10GbE, IPMI

Kod producenta: AM5D4ID-2T/BCM



Category	Server
Form Factor	Deep mini-ITX
Dimensions	6.7" x 8.2"
CPU Socket	LGA 1718 (Socket AM5)
# of CPU sockets	1
Supported CPU's	AMD Ryzen 7000
Chipset	X300
Memory Type	DDR5 ECC UDIMM DDR5 non-ECC UDIMM
Memory Speed	5200 MHz 3600 MHz
# of DIMM's	4
Max Memory Size	128
Integrated GPU	Aspeed AST2600
# of PCIe x16 5.0	1
# of USB Ports	2 x USB 3.2 (rear) 2 x USB 3.2 (header)
# of M.2 2280	1
# of 10GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2600
TPM	1 x TPM 2.0 13-pin Header

AM5D4ID-2T/BCM

- Deep mini-ITX (6.7"x 8.2")
- Support AMD Ryzen 7000 series Processors
- 4 DIMM slots (2DPC), supports DDR5 ECC/non-ECC UDIMM
- 1 PCIe5.0 x16
- 1 OCuLink (PCIe4.0 x2)
- Supports 1 M.2 (PCIe5.0 x4)
- 2 RJ45 (10GbE) by Broadcom BCM57416
- 1 HDMI
- Remote management (IPMI)

Specyfikacja

Wymiary	6.7" x 8.2"
Procesor	
CPU	Supports AMD Ryzen 7000 series Processors
Socket	Single Socket AM5 (LGA 1718)
Zasilanie	120W (Air)/170W (Liquid)
Chipset	KNOLL3 X300
Pamięć operacyjna	
Pojemność	4 DIMM slots (2DPC)
Rodzaj	DDR5 288-pin ECC/non-ECC UDIMM
DIMM Size Per DIMM	32GB
Max. DIMM Frequency	5200 MHz (1DPC); 3600 MHz (2DPC)
Napięcie	1.1V
Sloty rozszerzeń	
PCIe x 16	PCIe5.0 x16 [CPU]
Magazynowanie	
OCuLink for U.2	1 OcuLink (PCIe4.0 x2) [CPU]
M.2 slot	1 M-key (PCIe5.0 x4), supports 2280 form factor [CPU]
Ethernet	
Additional GbE Controller	Broadcom BCM57416: 2 RJ45 (10GbE)
Zarządzanie	
Kontroler BMC	ASPEED AST2600
IPMI Dedicated GLAN	1 Realtek RTL8211F for dedicated management GLAN
Grafika	
Kontroler	ASPEED AST2600: 1 DB15 (VGA) AMD Processors with Graphics: 1 HDMI
Tyłny panel I/O	
Port VGA	1 DB15 (VGA), 1 HDMI
Port USB 3.0	2 Type-A (USB3.2 Gen1)
Port Lan	2 RJ45 (10GbE) 1 dedicated IPMI
UID Button/UID LED	1 UID button w/ LED
Złącza wewnętrzne	
Power Connector	1 (4-pin, ATX PSU signal) w/ ATX 24-pin adapter cable, 2 (8-pin, ATX 12V) support 12V DC-in
Port śledź COM	1

Złącze panelu AUX	1 (9-pin): chassis intrusion, system fault LED, LAN activity LED
Złącze TPM	1 (13-pin, SPI)
Złącze czujnika temperatury	1
Złącze IPMB	1
Złącze wentylatorów	3 (4-pin)
Other Power Connectors	1 (4-pin) for HDD power when using 12V DC-in power source
Złącze panelu USB 3.2 (Gen1)	1 header (19-pin, 2 USB3.2 Gen1)
System Panel	1 (9-pin): power switch, reset switch, system power LED, HDD activity LED
Głośnik	1
BMC_SMB Header	1
Clear CMOS	1
Others	1 UID header (4-pin), 1 NCSI header (4-pin), 1 IPMI LAN LED header (4-pin), 1 80 debug port header (13-pin)
Onboard LED	
Standby PWR LED 5vsb	1 (5VSB)
Fan Fail LED	3
BMC heartbeat LED	1
BIOS	
Rodzaj BIOS	AMI UEFI BIOS; 256Mb (32MB) SPI Flash ROM
Cechy BIOS	Plug and Play, ACPI 5.1 compliance wake up events, SMBIOS 2.3
Hardware Monitor	
Temperatura	CPU, DDR, MB, Card Side
Wentylator	Fan Tachometer, Multi-Speed Control, CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature)
Napięcie	3VSB, 5VSB, VCPU, VCCM, APU VDDP, 1.05V_PROM_S5, 2.5V_PROM, 1.05V_PROM_RUN, BAT, 3V, 5V, 12V
Obsługiwane systemy	
System operacyjny	Microsoft Windows: - Windows 10 (64 bit) - Windows 11 (64 bit)
	Linux: - Ubuntu 22.04.2 (64 bit)
	* On the Windows system, Raid mode supports UEFI Boot only. * The Linux system doesn't support Raid Mode. * 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
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-am5d4id-2tbcm-1xskt-am5-amd-ryzen-7000-x300-4xdimm-1xm2-2x10gbe-ipmi-p-6996.html>