

ASRock B550D4M, 1xSKT AM4, AMD Ryzen, B550, SATA, 1xM.2, 2xGbE, IPMI

Kod producenta: B550D4M



Category	Server
Form Factor	ATX
Dimensions	12" x 9.6"
CPU Socket	PGA 1331 (Socket AM4)
# of CPU sockets	1
Supported CPU's	AMD Ryzen 3000 AMD Ryzen PRO 3000 AMD Ryzen 4000G AMD Ryzen PRO 4000 AMD Ryzen 5000 AMD Ryzen 5000G AMD Ryzen PRO 5000
Chipset	B550
Memory Type	DDR4 ECC UDIMM DDR4 non-ECC UDIMM
Memory Speed	3200 MHz
# of DIMM's	4
Max Memory Size	128
Integrated GPU	ASPEED AST2500
# of PCIe x4 4.0	1
# of PCIe x8 4.0	1
# of USB Ports	4x USB 3.2 (rear) 2x USB 3.2 (header)
# of SATA Ports	4
Integrated RAID	0,1,10
# of Serial Ports	1 x DB9
# of 1GbE Ports	2 x RJ45
Integrated BMC	IPMI Dedicated RJ45
BMC chip	ASPEED AST2500
TPM	1 x TPM 2.0 17-pin Header

B550D4M

- ATX (12"x 9.6")
- Support AMD Ryzen 5000 Series Desktop Processors
- 4 DIMM slots (2DPC), supports DDR4 ECC/non-ECC UDIMM
- 1 PCIe4.0 x8, 1 PCIe4.0 x4
- 1 M.2 (PCIe3.0 x4 or SATA 6Gb/s)
- 1 OCP 2.0 Mezzanine connector A (PCIe3.0 x8)

- 2 RJ45 (1GbE) by Intel® i210
- 7 SATA 6Gb/s
- HDMI
- Remote management (IPMI)

Specyfikacja

Parametry płyty głównej	
Standard	ATX
Wymiary	12" x 9.6" (305 mm x 244 mm)
Procesor	
CPU	Supports: AMD Ryzen™ 5000 and 4000 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 * Not compatible with AMD Ryzen™ PRO 3000 Series Desktop Processors with Radeon™ Graphics
Socket	Single Socket AM4 (PGA1331)
Chipset	AMD B550
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	ECC/non-ECC UDIMM: up to 32GB
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 (PCIe4.0* x8) [CPU] *Supports PCIe3.0 when using AMD Ryzen™ 5000, 4000 G-Series Desktop Processors with Radeon™ Graphics
PCIe x 8	SLOT4: PCIe x8 (PCIe4.0* x4) [CPU] *Supports PCIe3.0 when using AMD Ryzen™ 5000, 4000 G-Series Desktop Processors with Radeon™ Graphics
Mezzanine slot	1 OCP 2.0 Mezzanine connector A (PCIe3.0 x8) [CPU]
M.2	1 M-key (PCIe3.0x4 or SATA 6Gb/s); support 22110/2280/2242 form factor [FCH]
Magazynowanie	
Kontroler SATA	AMD B550 (5 SATA 6Gb/s; RAID 0/1/10): 4 SATA 7-pin, 1 M.2
Additional Storage Controller	ASM1061 (2 SATA6Gb/s): 2 SATA 7-pin
Ethernet	
Additional GbE Controller	2 Intel® i210: 2 RJ45 (1GbE)

Zarządzanie	
Kontroler BMC	ASPEED AST2500
IPMI Dedicated GLAN	1 x Realtek RTL8211E for dedicated management GLAN
Grafika	
Kontroler	ASPEED AST2500: 1 DB15, 1 (15-pin) header AMD Ryzen Desktop Processors with Radeon Graphics: 1 HDMI
Tylny panel I/O	
HDMI	1
Port VGA	1 DB15
Port USB 3.0	2 Type-A (USB3.2 Gen1)
Port USB 3.2	2 Type-A (USB3.2 Gen2)
Port Lan	2 RJ45 (1GbE) 1 dedicated IPMI
Port szeregowy	1 DB9
UID Button/UID LED	1 UID button, 1 UID LED
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 czujnika temperatury	1
Złącze IPMB	1
Złącze VGA	1
Brzęczyk	1
Złącze wentylatorów	6 (6-pin)
Złącze panelu USB 3.2 (Gen1)	1 (19-pin, 2 USB3.2 Gen1)
Złącze panelu USB 2.0	1 (9-pin, 2 USB2.0)
Port USB 3.2 (Gen1) Type A	1 (Type-A, 1 USB3.2 Gen1)
System Panel	1 (9-pin): power switch, reset switch, system power LED, HDD activity LED
Głośnik	1

BMC_SMB Header	1
Power Connector	1 (24-pin, ATX main power), 1 (8-pin, ATX 12V), 1 (4-pin, ATX 12V)
Clear CMOS	1 (contact pads)
Onboard LED	
Standby PWR LED 5vsb	1
Port 80 LED	1
Fan Fail LED	6
BIOS	
Rodzaj BIOS	AMI UEFI BIOS; 256 Mb (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, FCH, TR1 sensing
Wentylator	Fan Tachometer CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature) Multi-Speed Control
Napięcie	3VSB, 5VSB, VCPU, VSOC, VCCM, APU VDDP, 1.05V_PROM_S5, 2.5V_PROM, 1.05V_PROM_RUN, BAT, 3V, 5V, 12V
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-b550d4m-1xskt-am4-amd-ryzen-b550-sata-1xm2-2xgbe-ipmi-p-5379.html>