

ASRock B550D4ID-2L2T, 1xSKT AM4, AMD Ryzen 5000, B550, 4xDIMM, SATA, 1xM.2, 2xGbE, 2x10GbE, IPMI

Kod producenta: B550D4ID-2L2T



Category	Server
Form Factor	Deep mini-ITX
Dimensions	6.7" x 8.2"
CPU Socket	PGA 1331 (Socket AM4)
# of CPU sockets	1
Supported CPU's	AMD Ryzen 5000G AMD Ryzen 4000G AMD Ryzen 5000 AMD Ryzen 3000 AMD Ryzen PRO 5000 AMD Ryzen PRO 4000 AMD Ryzen PRO 3000
Chipset	B550
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)
Integrated RAID	0,1,10
# 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 13-pin Header
Uwagi	SLOT7: PCIe4.0* x16 [CPU] - *Supports PCIe3.0 when using AMD Ryzen? 5000, 4000 G-Series Desktop Processors with Radeon? Graphics

B550D4ID-2L2T

- Deep mini-ITX (6.7" x 8.2")
- Support AMD Ryzen 5000 Series Desktop Processors
- 4 DIMM slots (2DPC), supports DDR4 ECC/non-ECC UDIMM
- 1 PCIe4.0 x16
- 1 OCuLink (4 SATA 6Gb/s)
- Supports 1 M.2 (PCIe4.0 x4 or SATA 6Gb/s)
- 4 SATA 6Gb/s

- 2 RJ45 (10GbE) by Intel X710
- 2 RJ45 (1GbE) by Intel i210
- Supports ATX PSU and 12V DC-in
- Remote management (IPMI)

Specyfikacja

Parametry płyty głównej

Standard	Deep mini-ITX
Wymiary	6.7" x 8.2"

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)* *Please note that this motherboard only supports LGA115x CPU heatsink.
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
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	SLOT7: PCIe4.0* x16 [CPU] *Supports PCIe3.0 when using AMD Ryzen™ 5000, 4000 G-Series Desktop Processors with Radeon™ Graphics
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Magazynowanie

Kontroler SATA	AMD B550 (4 SATA 6Gb/s; RAID 0/1/10): 1 OCuLink
OCuLink for U.2	1 OCuLink (4 SATA 6Gb/s) [FCH]
M.2 slot	1 M-key (PCIe4.0 x4* or SATA 6Gb/s), supports 22110 (BTO)**/2280 form factor [CPU] 1 M-key (PCIe3.0 x2 or SATA 6Gb/s), supports 2280 form factor (BTO)*** [FCH] *Supports PCIe3.0 when using AMD Ryzen™ 5000, 4000 G-Series Desktop Processors with Radeon™ Graphics ** M2_1 22110 form factor support is possible by depopulating BMC_SMB and IPMB header and other BOM change *** M2_2 support is possible by depopulating BMC_SMB and IPMB header and other BOM change

Ethernet

Additional GbE Controller	1 Intel® X710-AT2: 2 RJ45 (10GbE) 2 Intel® I210: 2 RJ45 (1GbE)
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Zarządzanie

Kontroler BMC	ASPEED AST2500
IPMI Dedicated GLAN	1 x Realtek RTL8211E for dedicated management GLAN

Grafika

Kontroler	ASPEED AST2500: 1 DB15 AMD Ryzen™ Desktop Processors with Radeon™ Graphics: 1 HDMI
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Tyłny panel I/O

Port VGA	1 DB15, 1 HDMI
Port USB 3.0	2 Type-A (USB3.2 Gen1)
Port Lan	2 RJ45 (10GbE), 2 RJ45 (1GbE) 1 dedicated IPMI
UID Button/UID LED	1 UID button, 1 UID 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 (17-pin, LPC), 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 (19-pin, 2 USB3.2 Gen1)
NMI Header	1
System Panel	1 (9-pin): power switch, reset switch, system power LED, HDD activity LED
Głośnik	1
BMC_SMB Header	1
Clear CMOS	1
NC-SI	1

Onboard LED

Standby PWR LED	1
5vsb	
Port 80 LED	1
Fan Fail LED	3

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
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 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-b550d4id-2l2t-1xskt-am4-amd-ryzen-5000-b550-4xdimm-sata-1xm2-2xgbe-2x10gbe-ipmi-p-6995.html>