ASRock B650D4U, 1xSKT AM5, AMD Ryzen 7000, B650E, 4xDIMM, SATA, 2xM.2, 2x1GbE, IPMI

Kod producenta: B650D4U



Category	Server
Form Factor	Micro-ATX
Dimensions	9.6" x 9.6"
CPU Socket	LGA 1718 (Socket AM5)
# of CPU sockets	1
Supported CPU's	AMD Ryzen 7000
Chipset	B650E
Memory Type	DDR5 ECC UDIMM DDR5 non-ECC UDIMM
Memory Speed	3600 MHz
# of DIMM's	4
Max Memory Size	128 GB
Integrated GPU	ASPEED AST2500
# of PCIe x16 5.0	1
# of PCIe x4 5.0	1
# of USB Ports	4 x USB 3.0 (rear)
# of SATA Ports	4
# 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 13-pin Header

B650D4U

- Micro-ATX (9.6"x 9.6")
- Support AMD Ryzen 7000 series Processors
- 4 DIMM slots (2DPC), supports DDR5 ECC/non-ECC UDIMM
- 1 PCIe5.0 x16, 1 PCIe5.0 x4, 1 PCIe4.0 x1
- Supports 1 M.2 (PCIe5.0 x4), 1 M.2 (PCIe4.0 x4)
- 2 RJ45 (1GbE) by Intel® i210
- 4 SATA 6Gb/s
- 1 HDMI, 1 DisplayPort
- Remote management (IPMI)

Specyfikacja

Parametry płyty głównej

Standard	Micro-ATX
Wymiary	9.6" x 9.6"
Procesor	
CPU	Supports AMD Ryzen 7000 series Processors
Socket	Single Socket AM5 (LGA 1718)
Zasilanie	Up to 170W by proper cooling solution
Chipset	AMD B650E
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	SLOT6: PCIe5.0 x16 [CPU]
PCIe x 4	SLOT7: PCIe5.0 x4 [CPU]
PCIe x 1	SLOT4: PCIe4.0 x1 [FCH]
Magazynowanie	
Kontroler SATA	AMD B650E (4 SATA 6Gb/s): 4 SATA 7-pin
M.2 slot	1 M-key (PCIe5.0 x4), supports 2280/2242 form factor [CPU] 1 M-key (PCIe4.0 x4), supports 2280/2242 form factor [FCH]
Ethernet	
Additional GbE Controller	Intel® i210: 2 RJ45 (1GbE)
Zarządzanie	
Kontroler BMC	ASPEED AST2600
IPMI Dedicated GLAN	1 Realtek RTL8211F for dedicated management GLAN
Grafika	
Kontroler	ASPEED AST2600: 1 DB15 (VGA), 1 (15-pin) header AMD Processors with Graphics: 1 HDMI, 1 DisplayPort
Tylny panel I/O	
Port VGA	1 DB15 (VGA), 1 DisplayPort, 1 HDMI
Port USB 3.0	4 Type-A (USB3.2 Gen1)
Port Lan	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), 2 (8-pin, ATX 12V)
Złącze panelu AUX	1 (18-pin): chassis intrusion, system fault LED, LAN activity LED
Złącze TPM	1 (13-pin, SPI)
Złącze IPMB	1
Złącze VGA	1
Brzęczyk	1
Złącze wentylatorów	7 (6-pin)
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 (3-pin, 80 debug port header)
Onboard LED	
Standby PWR LED 5vsb	1 (5VSB)
Port 80 LED	1
Fan Fail LED	7
BMC heartbeat LED	1
BIOS	
Rodzaj BIOS	AMI UEFI BIOS; 256Mb (32MB) SPI Flash ROM
Cechy BIOS	Plug and Play, ACPI 6.4 compliance wake up events, SMBIOS 3.5
Hardware Monitor	
Temperatura	CPU, DDR, MB, Card Side, Chipset, M.2 slot
Wentylator	Fan Tachometer, Multi-Speed Control, CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature)
Napięcie	VOLT_3VSB, VOLT_5VSB, VOLT_P0_VCORE, VOLT_P0_VSOC, VOLT _VMEM, VOLT _VMISC, VOLT_1.8V_PT21, VOLT_VSUS10, VOLT_VDD10, VOLT_BAT, VOLT_3V, VOLT_5V, VOLT_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.