

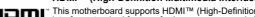


1U4L2E-B650 RPSU

- 1U Rackmount with 1+1, 80-PLUS Platinum, 650W Slim PSU
- Single Socket AM5 (LGA 1718), supports AMD EPYC™ 4004 and AMD Ryzen™ 9000/8000/7000 Series Processors
- 4 DIMM slots (2DPC), supports DDR5 ECC/non-ECC UDIMM
- 2 Hot-swap 3.5" SATA or 2 x 2.5" NVMe** (PCle4.0 x4)* drive bays
- 2 Hot-swap 3.5" SATA drive bays
- 1 FHHL PCIe4.0 x16
- Supports 1 M.2* (PCle5.0 x4), 1 M.2 (PCle4.0 x4)
- 2 RJ45 (1GbE) by Intel® i210
- 1 HDMI, 1 DisplayPort
- Remote Management (IPMI)



HDMI™ (High-Definition Multimedia Interface)



This motherboard supports HDMI™ (High-Definition Multimedia Interface) which is an interface standard for transferring uncompressed video data and delivering multichannel audio through a single cable. Both video and audio data signals transferred through the HDMI™ interface are digital without being converted into analog, therefore it delivers the richest pictures and the most realistic sounds.

SPECIFICATIONS

Form Factor	1U Rackmount	
Dimensions	676.5 x 438 x 43.4 mm (26.6" x 17.2" x 1.7")	
Support MB	B650D4U	
Front Panel	2000210	
Buttons	Power, System Reset	
LEDs	Power, HDD Activity, LANs, System Event	
I/O Ports		
	2 Type-A (USB3.2 Gen1)	
External Drive Bay / Storage		
Front Side Drive Bay	2 Hot-swap 3.5" SATA or 2 x 2.5" NVMe** (PCle4.0 x4)* drive bays	
	2 hot-swap 3.5" SATA drive bays	
	**Hot-swap isn't supported for NVMe devices	
Internal Side	M2_1* (PCle5.0 x4), supports 2280/2242 form factor [CPU]	
	M2_2 (PCle4.0 x4), supports 2280/2242 form factor [FCH]	
	*M2_1 is occupied for NVMe bay_1	
Power Supply		
Туре	1+1 Slim PSU	
Output Watts	650W	
Efficiency	80-PLUS Platinum	
AC Input	100-240Vrms, 50/60Hz	
System Fan		
Fan	6 PWM Hot-swap 40x56 mm fans	
Processor System		
CPU	Supports AMD EPYC™ 4004 and AMD Ryzen™ 9000/8000/7000 Series Processors	()
Socket	Single Socket AM5 (LGA 1718)	
Thermal Design Power	Up to 170W	
Chipset	AMD B650	
System Memory		
Supported DIMM Quantity	4 DIMM slots (2DPC)	
Supported Type	DDR5 288-pin ECC/non-ECC UDIMM	
Max. Capacity per DIMM	48GB	
• •	5000 MHz (4DDC): 2000 MHz (2DDC)	
Max. DIMM Frequency	5200 MHz (1DPC); 3600 MHz (2DPC)	

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PCle x 16	Rear: 1 FHHL PCIe4.0 x16	
Ethernet		
Additional GbE Controller	Intel [®] i210: 2 RJ45 (1GbE)	
Server Management		
BMC Controller	ASPEED AST2600	
IPMI Dedicated GLAN	1 Realtek RTL8211F for dedicated management GLAN	
Graphics		
Controller	ASPEED AST2600:	
	1 DB15 (VGA), 1 (15-pin) header	
	AMD Processors with Graphics:	
	1 HDMI, 1 DisplayPort	
Rear I/O		
UID Button/LED	1 UID button w/ LED	
VGA Port	1 DB15 (VGA), 1 DisplayPort, 1 HDMI	
Serial Port	1 DB9 (COM)	
USB 3.2 Gen1 Port	4 Type-A (USB3.2 Gen1)	
RJ45	2 RJ45 (1GbE)	
	1 dedicated IPMI	
System BIOS		
BIOS Type	AMI UEFI BIOS; 256Mb (32MB) SPI Flash ROM	
BIOS Features	Plug and Play, ACPI 6.4 compliance wake up events, SMBIOS 3.5	
Hardware Monitor		
Temperature	CPU, DDR, MB, Card Side, Chipset, 10G LAN, M.2 slot	
Fan	Fan Tachometer, Multi-Speed Control, CPU Quiet Fan (Allow Chassis Fan Speed Auto-Adjust by CPU Temperature)	
Voltage	VOLT_3VSB, VOLT_5VSB, VOLT_P0_VCORE, VOLT_P0_VSOC, VOLT_VMEM, VOLT_VMISC, VOLT_1.8V_PT21, VOLT_VSUS10, VOLT_VDD10, VOLT_V10_PHY_DIG, VOLT_VDD_1P8, VOLT_MD_VDDO, VOLT_BAT, VOLT_3V, VOLT_12V	
Environment		
Temperature	Operation temperature: 10°C ~ 35°C / Non operation temperature: -40°C ~ 70°C	
Humidity	Non operation humidity: 20% ~ 90% (Non condensing)	
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