

ASRock 1U2N2G-B550, Rack 1U, 2- node system, UP, AMD Ryzen 5000, 1xM.2, 2x1GbE, Red. PSU, IPMI

Kod producenta: 1U2N2G-B550



Chassis Form Factor	Rack 1U
CPU Socket	PGA 1331 (Socket AM4)
# of CPU sockets (per node)	1
Supported CPU's	AMD Ryzen 5000 AMD Ryzen 4000G AMD Ryzen 3000G AMD Ryzen 3000 AMD Ryzen PRO 5000 AMD Ryzen PRO 4000 AMD Ryzen PRO 3000
Chipset	AMD B550
Memory Type	DDR4 ECC UDIMM DDR4 non-ECC UDIMM
Memory Speed	3200 MHz 2933 MHz 2666 MHz
# of DIMM's (per node)	4
Max Memory Size (per node)	128 GB
# of PCIe x16 4.0 (per node)	1
# of M.2 2280 (per node)	1
# of 1GbE Ports (per node)	2 x RJ45
Network Controllers	Intel i210
Integrated BMC	IPMI Dedicated RJ45
BMC chip	Aspeed AST2500
Power Supply	Redundant 1+1
PSU Wattage	1200 W
PSU Certification	80+ Platinum
Chassis Dimensions	650 x 438 x 43.5 mm

1U2N2G-B550

- 1U chassis with 2 nodes, 1+1 Platinum 1200W CRPS
- Single Socket AM4 (PGA1311), supports AMD Ryzen 5000 Series Desktop Processors
- 4 DIMM slots (2DPC), supports DDR4 ECC/non-ECC UDIMM
- 1 FH dual-slot PCIe4.0 x16 per node
- Supports 1 M.2 (PCIe4.0 x4 or SATA 6Gb/s) per node
- 2 RJ45 (1GbE) by Intel® i210 per node
- Remote management (IPMI)

Specyfikacja

System	
Rozmiar/format	1U Rackmount
Wymiary	650 x 438 x 43.5 mm (25.6" x 17.2" x 1.7")
Obsługiwane płyty	B550D4ID/CG
Front Panel	
Buttons	UID, Power w/ LED
LEDs	UID, System Fail
I/O Ports	2 RJ45 (1GbE) by Intel® i210 2 Type-A (USB3.2 Gen1) 1 DB15
IPMI LAN	1 dedicated IPMI
Zewnętrzna zatoka / Storage	
Internal Side	1 M-key (PCIe4.0* x4 or SATA 6Gb/s), supports 2280 form factor [CPU] *Supports PCIe3.0 when using AMD Ryzen™ 5000, 4000 G-Series Desktop Processors with Radeon™ Graphics
Zasilacz	
Rodzaj	1+1 CRPS
Moc wyjściowa	1200W
Efektywność	80-PLUS Platinum
AC Input	100-240V, 50/60Hz
Chłodzenie	
Wentylator	8 dual-rotor 40x56 mm fans
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	1 FH dual-slot PCIe4.0* x16 *Supports PCIe3.0 when using AMD Ryzen™ 5000, 4000 G-Series Desktop Processors with Radeon™ Graphics
Zarządzanie	
Kontroler BMC	ASPEED AST2500
IPMI Dedicated GLAN	1 x Realtek RTL8211E for dedicated management GLAN
Grafika	
Kontroler	ASPEED AST2500
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 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-1u2n2g-b550-rack-1u-node-system-up-amd-ryzen-5000-1xm2-2x1gbe-red-psu-ipmi-p-5787.html>