

ASRock 4U18N-B550, Rack 4U, 18-node system, UP, AMD Ryzen 5000, Int. drive bays, 2xGbE, Red. PSU, IPMI

Kod producenta: 4U18N-B550



Chassis Form Factor	Rack 4U
# of systems (nodes)	18
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	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
Integrated GPU	Aspeed AST2500
# of 2.5 NVMe bays (per node)	2
# of M.2 2280 (per node)	1
# of M.2 22110 (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	1600 W
PSU Certification	80+ Platinum
Chassis Dimensions	950 x 438 x 176 mm

4U18N-B550

- 4U chassis with 18 nodes support 36 x 2.5" NVMe SSD, 1600W Redundant (3+1) PSU
- Supports AMD Ryzen™ 5000, 4000G, 3000G, 3000 series Processors
- 4 DDR4 ECC/ non-ECC UDIMM, up to 32GB each
- Supports 2 x 2.5" NVMe SSD per node
- Supports 2 M.2 per node
- Integrated IPMI 2.0 and KVM with Dedicated LAN
- 2x RJ45 (1GbE) by Intel® i210

Specyfikacja

System	
Rozmiar/format	4U Rackmount
Model obydowy	4U18N
Wymiary	950 x 438 x 176 mm (37.4" x 17.2" x 6.9")
Obsługiwane płyty	B550D4ID/18N
Front Panel	
Buttons	UID, Power, RESET
LEDs	System Fail, LAN1/LAN2, UID, Power
I/O Ports	2 RJ45(1GbE) by Intel® i210 2 Type-A (USB 3.2 Gen1) 1 DB15
IPMI LAN	1 dedicated IPMI
Zewnętrzna zatoka / Storage	
Internal Side	2 Fixed 2.5" NVMe (PCIe4.0 x4) /SATA drive bays (BTO) 1 M-key (PCIe4.0 x4 or SATA 6Gb/s), supports 22110/2280 form factor [CPU] 1 M-key (PCIe3.0 x2 or SATA 6Gb/s), supports 2280 form factor [FCH]
Zasilacz	
Rodzaj	4 (3+1) RPSU
Moc wyjściowa	1600W
Efektywność	Platinum
AC Input	100-240V, 50/60Hz
Chłodzenie	
Middle	80x80mm x5
Fail LED	Abnormal(DC on): LED ON (Solid Red) Normal: LED OFF
Procesor	
CPU	Supports: AMD Ryzen™ 5000 and 3000 Series Desktop Processors AMD Ryzen™ 4000 and 3000 G-Series Desktop Processors with Radeon™ Graphics AMD Ryzen™ PRO 5000, 4000 and 3000 Series Desktop Processors
Socket	AM4 PGA 1331* *Please note that this motherboard only supports LGA115x CPU heatsink.
Chipset	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	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

TPM	
TPM support	By optional accessory
Zarządzanie	
Kontroler BMC	ASPEED AST2500
IPMI Dedicated GLAN	1 x Realtek RTL8211E for dedicated management GLAN
Grafika	
Kontroler	ASPEED AST2500
VRAM	DDR4 16MB
Wyjście	1 DB15 (VGA)
BIOS	
Rodzaj BIOS	32MB AMI UEFI Legal BIOS
Cechy BIOS	Plug and Play (PnP), ACPI 2.0 Compliance Wake Up Events, SMBIOS 2.8.0 Support, ASRock Rack Instant Flash
Hardware Monitor	
Temperatura	CPU Temperature Sensing System Temperature Sensing
Wentylator	Middle Fan Tachometer Middle Fan Multi-Speed Control
Napięcie	Vcpu, +1.8V, +3V, +5V, +12V, BAT, +1.8VSB, +3VSB, +5VSB
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-4u18n-b550-rack-4u-18-node-system-up-amd-ryzen-5000-int-drive-bays-2xgbe-red-psu-ipmi-p-5796.html>