

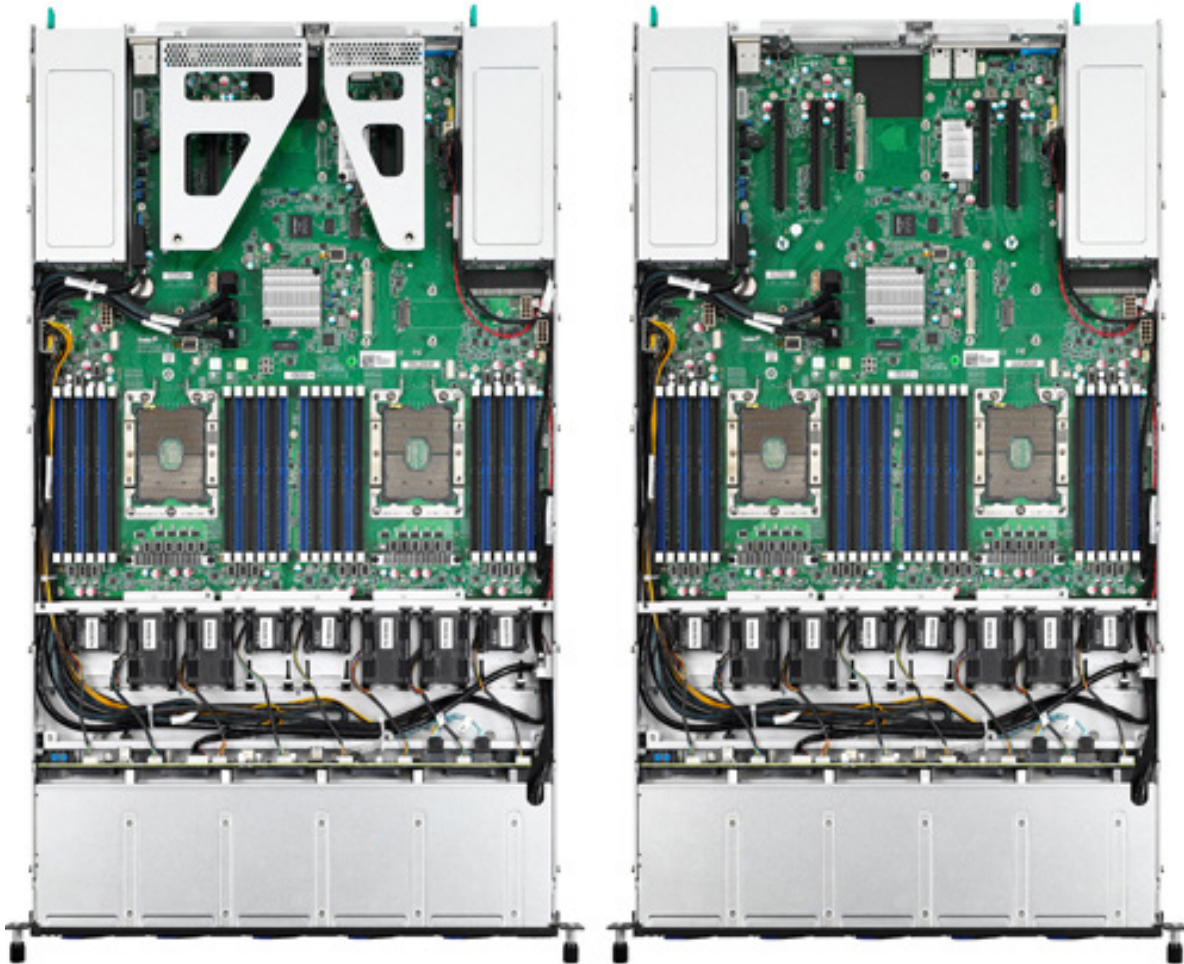
Features

- 1U Rackmount
- Intel Xeon processors Scalable Family
- 10x 2.5 SAS/SATA HD Bays
- 2x 10GBase-T Ethernet ports
- 7500W redundant Platinum power supplies
- 1.5TB ECC DDR4 2666Mhz Memory



Specifications

Barebone	B7102G75BV6E4HR-2T	System BIOS	Hardware Monitor / SMBIOS 3.0/PnP/Wake on LAN / Boot from USB device/PXE via LAN/Storage / User Configurable FAN PWM Duty Cycle / Console Redirection / ACPI sleeping states S4,S5 / ACPI 6.1		
Dimensions	Inches : 29.72" x 17.24" x 1.72	On-board devices	SATA	Controller Intel C621 Speed 6.0 Gb/s RAID RAID 0/1/10/5 (Intel RSTe)	
Motherboard	S7102GM2NR-2T		NVMe	Connector (M.2) (1) 2242 (by PCI-E interface) / (1) 2280 (by PCI-E interface)	
Processor	Intel® Xeon® Scalable Processor Family		Network LAN	Port Q'ty (2) 10GbE ports / (1) PHY Controller Intel X550-AT2 PHY Realtek RTL8211E	
Chipset	Intel® C621 Chipset		Graphics	Connector type D-Sub 15-pin Resolution Up to 1920x1200 Chipset Aspeed AST2500	
Memory	12 DIMM slots 6 memory channels 1.5TB DDR4 ECC Registered		I/O	USB	(2) USB3.0 ports (at rear) / (2) USB3.0 ports (at front)
Front Panel	Buttons (1) PWR / (1) RST / (1) UID LEDs (1) HDD / (2) LAN / (1) Warning / (1) UID I/O Ports (2) USB 3.0 port			TPM	Supported
LEDs	System Power HDD Access LAN Alert			Serial Port	(2) USB3.0 ports (at rear) / (2) USB3.0 ports (at front)
Drivebays	10x 2.5		Power Supply	Type	(2) USB3.0 ports (at rear) / (2) USB3.0 ports (at front)
Backplane	SAS 12Gb/s /SATA 6Gb/s			Input Range	Supported
Expansion Slots	(2) PCI-E Gen3 x16 slots			Output Watts	(2) USB3.0 ports (at rear) / (2) USB3.0 ports (at front)
Other	(1) PCI-E Gen3 x8 OCP 2.0 slots (conn.A+conn.C) / (1) PCI-E Gen3 x8 storage mezz. slot	Efficiency		80 plus Platinum	
Expander Board	NA		Redundancy	1 + 1	



System Management

Chipset	Aspeed AST2500
Temperature	Monitors temperature for CPU & memory & system environment
Voltage	Monitors voltage for CPU, memory, chipset & power supply
LED	Over temperature warning indicator / Fan & PSU fail LED indicator
Others	Watchdog timer support
AST2500 iKVM	IPMI 2.0 compliant baseboard management controller (BMC) / Supports storage over IP and remote platform-flash / USB 2.0 virtual hub

Environmental Specifications

Operating Temp. 10° C ~ 35° C (50° F~ 95° F)
 Non-operating Temp. -40° C ~ 70° C (-40° F ~ 158° F)
 In/Non-operating Humidity 90%, non-condensing at 35°

Dimensions

Dimension (D x W x H) 29.72" x 17.24" x 1.72"
 (755 x 438.5 x 43.7mm)
 Gross Weight 24 kg (53 lbs)
 Net weight 17.5 kg (39 lbs)