

R2212-i3

2U 12-Bay Storage Server

Storage Server

FEATURES

- 2U 12-Bay Storage Server with 3.5" SAS/SATA drives support
- Two external rear 2.5" SATA and two onboard M.2 (NGFF) M-Key 2280 slots
- Supports dual Intel® Xeon® 3rd Gen Scalable (Ice Lake) processors, delivering exceptional server performance and enhanced power efficiency
- 16 DDR4 DIMM slots for maximum memory performance
- Expansion support: Up to 3 × PCIe Gen4 x16 slots, 2 × PCIe Gen4 x8 slots, 4 × Slimline x8 ports, and 1 × OCP 3.0 slot
- Onboard Baseboard Management Controller for advanced system management and IPMI control
- Front-to-back airflow with easy-swap redundant fans for optimal thermal conditions
- Trusted Platform Module (TPM) 2.0 onboard
- Supports 1200W (1+1) redundant power supply, 80+ Platinum efficiency



SPECIFICATIONS

Model Number	InfiniPlus R2212-i3		
Processor	Dual Intel® Xeon® 3 rd Gen Scalable Processors (Ice Lake) CPU TDP: 270W		
	Socket Type	P+ (LGA-4189)	
Chipset	Intel® C621A Chipset		
Memory	• 8 x Memory channels per CPU; 16 x DIMM slots • DDR4 3200/2933MHz RDIMM/LRDIMM • Supports up to 4TB RDIMM/LRDIMM		
Front Panel	• System Power On/Off Button • System Reset Button • System ID Indicator • 2 x USB 3.0 Type-A Ports		
LEDs	• Power Status • Drive Activity • System Alert • LAN Activity • System ID		
Drive Bays	External	3.5"/2.5" hot swap	12 (SAS/SATA)
		2.5" hot swap	2 (SATA) Rear
	Internal (Onboard)	M.2	2 x M.2 (NGFF) / M-Key / 2280

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Expansion Slots	PCI 4.0	- CPU0: 2 x PCIe Gen4 x16 slots + 1 x OCP v3.0 - CPU1: 1 x PCIe Gen4 x16 slot + 2 x PCIe Gen4 x8
	Slimline x8 port	- CPU0: 1 x Slimline x8 Gen4 port - CPU1: 3 x Slimline x8 Gen4 ports
Graphics	Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor - PCIe VGA/2D Controller - Resolution: 1920 x 1200 @ 60Hz, 32bpp	
Internal I/O	SATA	1 x Slimline x8 for SATA 2 x SATA 3.0 (6 Gb/s) 7-pin connectors
Rear I/O	Network Controllers	1 x GbE RJ45 port for dedicated BMC management 1 x GbE RJ45 port for BMC shared NIC management
	USB	2 x USB 3.0
	Video Output	1 x external DB-15 VGA port
	Serial Port	1 x external COM port jack
Security	Trusted Platform Module (TPM) 2.0 onboard	
Power Supply	800W / 1200W (1+1) CRPS RPSU, 80+ Platinum AC Input: 100~240V, 50/60Hz, 10-5A	
System Cooling	6 x 60 x 38 mm easy swap fans	
Environmental Specifications	- Storage temperature: -10°C (14°F) ~ 60°C (140°F) - Operating temperature: 0°C (32°F) ~ 35°C (95°F) - Storage operating humidity: 5% ~ 95% non-condensing	
System Management	- IPMI 2.0 compliant - KVM over IP - Virtual Media redirection - Monitoring of temperature, fan, voltage, and PSU sensors - System temperature tracking - System ID and fail indicator - Remote power control (On / Off / Reset) - SEL (System Event Log) message alerts via email - SNMP (Simple Network Management Protocol) support - Intel® Node Manager (Intel NM) support	
Gross Weight	(w/ PSU & Rail)	Kg: 26
Dimensions	(W x D x H)	mm: 430 x 680 x 88
		inches: 17 x 26.8 x 3.5
Certification	BIS, RoHS compliant	
Warranty	3 Years + 2 Years Extended	
Additional Accessories	- HBA (FC, iSCSI & SAS) with RAID – OCP 3.0 / PCIe 4.0 x8 - Dual-Port 1 GbE RJ45 Network Interface Card – PCIe 2.1 x4 - Dual-Port 10 GbE RJ45 Network Interface Card – PCIe 3.0 x8 - Dual-Port 10 GbE SFP+ Network Interface Card – OCP 3.0 / PCIe 4.0 x8 - Quad-Port 10 GbE SFP+ Network Interface Card – OCP 3.0 / PCIe 4.0 x16 - Dual-Port 25 GbE Network Interface Card – OCP 3.0 / PCIe 4.0 x8 - Quad-Port 25 GbE Network Interface Card – OCP 3.0 / PCIe 4.0 x16 - Dual-Port 100 GbE Ethernet Network Adapter – OCP 3.0 / PCIe 4.0 x16 - Dual-Port 200 GbE Ethernet Network Adapter - Dual-Port 40 GbE QSFP+ Ethernet Adapter with direct attach cabling support (up to 10 m) - Quad-Port 16 Gb Fibre Channel Adapter – OCP 3.0 / PCIe 4.0 x8 - Dual-Port 32 Gb Fibre Channel Adapter – OCP 3.0 / PCIe 4.0 x8	
Mounting	Standard 28" tool-less slide rail	