

Features

- 3U 16-Bay storage server with SATA/SAS drives support
- Supports 3rd Gen. Intel® Xeon® Scalable processors (Ice Lake)
- Intel® C621A Chipset
- Supports 16 DDR4 DIMM slots for maximum memory performance
- Supports Expansion Slots (PCIe 4.0) 3 x PCIe X16 slots + 1 x OCP 3.0, 2 x PCIe X8 slots
- Onboard Baseboard Management Controller for system management and IPMI control
- Dedicated BMC management port
- Front-to-back airflow and hot-swap redundant fans to provide optimal thermal conditions
- Trusted Platform Module 2.0 onboard.
- Supports 800W 1+1 redundant power supply 80+ Platinum.

SPECIFICATIONS			
Model Number	InfiniPlus – R3216-i3		
Processor	Support	3rd Gen Intel Xeon Scalable Processors (Ice Lake) CPU TDP: 270W	
	Socket Type	Socket P+ (LGA-4189)	
Chipset	Intel® C621A Chipset		
System Memory & Capacity	<ul style="list-style-type: none"> • 8 x Memory channels per CPU • 16 x DIMM slots support: DDR4 3200/2933MHz RDIMM/LRDIMM • Up to 4094GB LRDIMM/RDIMM 		
Front Panel	<ul style="list-style-type: none"> • System Power on/off • System reset • System ID • 2 x USB 3.0 ports 		
LED	<ul style="list-style-type: none"> • Power status • System alert • Lan activity • Drive activity • System ID 		
Drive Bays	External	3.5"/2.5" hot swap	16
	Internal	2.5"	Options: <ul style="list-style-type: none"> • 6 x 2.5" internal • 4 x 2.5" internal and

			2 x 2.5" hot swap
		M.2	2 x M.2(NGFF)/M-Key/2280
Backplane	<ul style="list-style-type: none"> 1 x 16-port 12Gb SATA/SAS backplane with 28-PHY expander chip and 3 SFF-8643 connectors 		
Expansion Slots	PCI 4.0:	<ul style="list-style-type: none"> 3 x PCIe x16 slots + 1 x OCP 3.0 2 x PCIe x8 slots 	
Graphics	Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor <ul style="list-style-type: none"> PCIe VGA/2D Controller 1920x1200@60Hz 32bpp 		
Rear Ports	Network Controllers	1 x GbE for BMC dedicated management RJ 45 port	
		1 x GbE for BMC shared NIC management RJ 45 port	
	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 2.0 onboard.		
Power Supply	800W 1+1 redundant PSU PMBus 1.2 80+ Platinum AC INPUT: 100~240V,50/60Hz,10-5A		
System Cooling	3 x 80x38mm PWM hot 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	<ul style="list-style-type: none"> IPMI: Advanced PCIe Graphics & Remote Management Processor Baseboard Management Controller Intelligent Platform Interface 2.0 (IPMI 2.0) iKVM, Media Redirection, IPMI over LAN, Serial over LAN SMASH Support 		
Gross Weight	(w/ PSU & Rail)	Kg: 34	
Dimensions	(W x D x H)	mm: 430 x 680 x 133	
		inches: 17 x 26.8 x 5.2	
Certification	BIS, RoHS compliant		
Warranty	3 Years + 2 Years Extended		
Additional Accessories	<ul style="list-style-type: none"> HBA (FC iSCSI & SAS) & Raid - OCP3.0/ PCIe 4.0 x8 Dual Port 1GbE RJ45 Network Card Dual Port 10 GbE RJ45 Network card Dual-Port 10G SFP+ OCP 3.0/ PCIe 4.0 x8 Dual Port QSFP 25GbE Ethernet Network Adapter QUAD PORT 10GbE SFP+ Ethernet Network Adapter Quad-Port 16 GB FC Adapter Dual Port 25 Gb/s Network Interface Card 		

	<ul style="list-style-type: none">• Quad Port 25Gbs Network Interface Card• CDAT Dual port 100Gbs PCIe 4.0 x16• Dual 40 GbE QSFP+ Direct Attach Cabling up to 10m
Mounting	Standard 28" tool-less slide rail