



EBM

InfiniPlus Server

R1210-i3

FEATURES

- 1 U 10 Bays 2.5" - Server with SATA/SAS/NVMe Drives Support
- Two Onboard M.2 (NGFF)/M-Key/2280
- Supports 3rd Gen Intel® Xeon® Scalable Processors for highest server performance and improved power efficiency
- Intel® C621A Chipset
- Supports 16 DDR4 DIMM slots for maximum memory performance
- Supports up to 2 x16 lanes, 4 slimline x8, 1 OCP 3.0 of PCIe Gen4 expansions
- Onboard Baseboard Management Controller for system management and IPMI Control
- Trusted Platform Module 2.0 onboard.
- On board Raid Support 0,1,5,10
- Supports 750W/1100W 1+1 redundant power supplies

SPECIFICATIONS			
Model Number	InfiniPlus R1210-i3		
Processor	Processor Support	3 rd Gen Intel® Xeon® Scalable Processors (Ice Lake) CPU TDP: 270W	
	Socket Type	Socket P+ (LGA-4189)	
Chipset	Intel® C621A Chipset		
System Memory & Max 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 4096GB LRDIMM/RDIMM 		
Front Panel	<ul style="list-style-type: none"> • System power on/off • System reset • 2 x USB 3.0 Type A • System ID 		
LED	<ul style="list-style-type: none"> • Power status • HDD activity • LAN activity • Warning • System ID 		
Drive Bays	External	2.5"hot swap	10
	Internal (Onboard)	M.2	2 x M.2(NGFF)/M-Key/2280
Backplane	<ul style="list-style-type: none"> • 2 x 4-port 6G SATA/12G SAS +1 x 2-port 6G SATA OR • 1 x 4-port Tri-Mode + 1 x 4-port 6G SATA/12G SAS + 1 x 2-port 6G SATA OR • 2 x 4-port Tri-Mode + 1 x 2-port 6G SATA OR • 2 x 4-port 6G SATA/12G SAS + 1 x 2-port Tri-Mode 		
Expansion Slots	PCI 4.0:	CPU0: 2 x PCIe Gen4 x16 slots, 1x OCP 3.0 x16 Gen.4	
Graphics	Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor <ul style="list-style-type: none"> • PCIe VGA/2D Controller • 1920x1200@60Hz 32bpp 		
Rear I/O	Network Controllers	1 x Realtek RTL8211E GbE for BMC dedicated management RJ 45 port	
		1 x Intel I210 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	750W/1100W 1+1 redundant power supply 80+ Platinum AC INPUT: 100~240V,50/60Hz,10-5A		
System Cooling	6 x 40x56mm easy swap fans		



Environmental Specifications	<ul style="list-style-type: none"> 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: 20
Dimensions	(W x D x H)	mm: 438 x 680 x 43.5
		inches: 17 x 26.8 x 1.72
Certification	BIS, RoHS compliant	
Warranty	3 Year + 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 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	

