



EBM

InfiniPlus Server

R1204-i3

FEATURES

- 1U 4-Bay Server with SATA/SAS/NVMe Drives Support
- Two internal 2.5" SATA & 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.

SPECIFICATION

Model Number	InfiniPlus R1204-i3		
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 4094GB LRDIMM/RDIMM 		
Front Panel	<ul style="list-style-type: none"> • System power on/off • System reset • System ID • 2 x USB 3.0 Type A 		
LED	<ul style="list-style-type: none"> • Power status • HDD activity • LAN activity • Warning • System ID 		
Drive Bays	External	3.5"/2.5" hot swap	4
	Internal	2.5" OS	2 (SATA)
	Onboard	M.2	2 x M.2(NGFF)/M-Key/2280
Backplane	<ul style="list-style-type: none"> • 1 x 4-port SATA/SAS/NVMe backplane with 1 x SFF-8643 + 2 x SFF-8654 (Slimline 8i) connectors <p>OR</p> <ul style="list-style-type: none"> • 1 x 4-port SATA/SAS backplane 		
Expansion Slots	PCI 4.0:	CPU0: 2 x PCIe Gen4 x16 slots + 1 x OCP v3.0	
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: Aspeed AST2500 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 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 • 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	



