

Features

- 1U 3.5"/2.5" hot swap 4 Bays and 2.5" SATA 2 Bays
- Two Onboard M.2 2280 Gen4 x4 & PFR With M.2 connector (Optional)
- Support 4th Gen & 5th Gen Dual Intel Sapphire Rapids / Emerald Rapids CPU
- Intel® C741 Chipset
- Supports 16 DDR5 RDIMM Slots for Maximum memory performance
- Supports Compute Express Link (CXL) .1)
- Supports 1 x16 and 1 x8 PCIe5.0
- Supports three MCIO x8, total 24 PCIe.S.O / CXL lanes
- Trusted Platform Module 2.0 onboard.
- Onboard Baseboard Management Controller for system management and IPMI control.
- 750W/1100W 1+1 CRPS RPSU 80+ Platinum

SPECIFICATION			
Model Number	InfiniPlus R1204-i5		
Processor	4 th Gen & 5 th Gen Dual Intel Sapphire Rapids / Emerald Rapids CPU CPU TDP: 350 W		
Chipset & Socket Type	Intel® C741Chipset (LGA-4677)		
System Memory & Max Capacity	<ul style="list-style-type: none"> • Max DDR5 5600/4800MTs RDIMM (1DPC) • Total 16 Memory Slots; 8 Slots per CPU (1DPC) • Support up to 4TB (3DS RDIMM) 		
Front Panel	<ul style="list-style-type: none"> • System power on/off • System reset • 2 x USB 3.0 • System ID 		
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)
		M.2	
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 OR <ul style="list-style-type: none"> • 1 x 4-port SATA/SAS backplane 		
Expansion Slots	PCIe5.0	1 x8 PCIe5.0/CXL(CPU1)	
Bios Type	AMI UEFI BIOS		
Bios Features	<ul style="list-style-type: none"> • ACPI • PXE • WOL • AC Loss Recovery • IPMI 2.0 KCS mode interface 		

	<ul style="list-style-type: none"> • SRIOV • TPM • Serial console redirection • PCIe hot plug 	
SATA	Emmitsburg PCH on-chip Solution <ul style="list-style-type: none"> • 2 x SATA 3.0 (6 Gb/s) 7 pin connectors • 1 x Slimline connector (up to 8 SATA ports) 	
Graphics	Integrated VGA Support by ASPEED AST2600 Resolution up to 1920x1200@60Hz 32bpp	
Rear Ports	Network Controllers	1 x Realtek RTL8211FS GbE for BMC dedicated management RJ 45 port 2 x Broadcom BCM5720 dual port GbE/ 10G Base-T co-design by BOM option (NCSI for share NIC) RJ 45 port
	USB	2 x USB 3.2
	Video Output	1 x external DB-15 VGA port
	Serial Port	1 x external COM connector (Audio Jack)
	Others	1 x External UID/ Switch Button
Security	<ul style="list-style-type: none"> • Trusted Platform Module 2.0 onboard. • M.2 connector for PFR (optional) 	
Power Supply	750W/1100W 1+1 CRPS RPSU 80+ Platinum AC INPUT: 100~240V,50/60Hz,10-5A	
System Cooling	6 x 40x56mm easy swap fans 1 x 40x28mm fan	
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: 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 678.7 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 • 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 	

	<ul style="list-style-type: none">• 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