



**EBM**

*InfiniPlus Server*

*SR4224-i3*

## *Features*

### **Features**

- 4U 24-Bay 3.5" Storage server with SAS/SATA drives support +2 x 2.5" (SATA Rear)
- Internal 2 x M.2(NGFF)/M-Key/2280
- Backplane: 12Gb/s SAS3 / 24Gb/s SAS4 expander chip
- Supports 3rd Gen. Intel® Xeon® Scalable processors (Ice Lake)
- Intel® C621A Chipset
- Supports 16 DDR4 DIMM slots for maximum memory performance
- On board 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 1200W 1+1 redundant PSU 80+ Platinum

## SPECIFICATIONS

<b>Model Number</b>	<b>InfiniPlus - SR4224-i3</b>		
<b>Processor</b>	Support	3rd Gen Intel Xeon Scalable Processors (Ice Lake) CPU TDP: 270W	
	Socket Type	Socket P+ (LGA-4189)	
<b>Chipset</b>	Intel® C621A Chipset		
<b>System Memory &amp; Max Capacity</b>	<ul style="list-style-type: none"> <li>8 x Memory channels per CPU</li> <li>16 x DIMM slots support: DDR4 3200/2933MHz RDIMM/LRDIMM</li> <li>Up to 4094GB LRDIMM/RDIMM</li> </ul>		
<b>Front Panel</b>	<ul style="list-style-type: none"> <li>System Power on/off</li> <li>System reset</li> <li>System ID</li> <li>2 x USB 3.0 ports</li> </ul>		
<b>LED</b>	<ul style="list-style-type: none"> <li>Power status</li> <li>System alert</li> <li>Lan activity</li> <li>Drive activity</li> <li>System ID</li> </ul>		
<b>Drive Bays</b>	External	3.5"/2.5" hot swap Front	24
	Internal	2.5" hot swap Rear	2
	Onboard	M.2	2 x M.2 (NGFF)/M-Key/2280
<b>Backplane</b>	<ul style="list-style-type: none"> <li>1 x 24-port SAS3 expander backplane</li> <li>1 x 24-port SAS4 expander backplane</li> </ul>		
<b>Expansion Slots</b>	PCI 4.0:	<ul style="list-style-type: none"> <li>3 x PCIe x16 slots + 1 x OCP 3.0</li> <li>2 x PCIe x8 slots</li> </ul>	
<b>Graphics</b>	Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor <ul style="list-style-type: none"> <li>PCIe VGA/2D Controller</li> <li>1920x1200@60Hz 32bpp</li> </ul>		
<b>Rear Ports</b>	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	
<b>Security</b>	Trusted Platform Module 2.0 onboard.		
<b>Power Supply</b>	1200W 1+1 redundant PSU 80+ Platinum AC INPUT: 100~240V,50/60Hz,10-5A		
<b>System Cooling</b>	3 x120x 38mm hot swap fans		
<b>Environmental Specifications</b>	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		

<b>System Management</b>	<ul style="list-style-type: none"> <li>• IPMI 2.0</li> <li>• KVM over IP</li> <li>• Media redirection</li> <li>• Temperature, fan, voltage, PSU sensor monitor</li> <li>• System temperature</li> <li>• System ID/System fail indicator</li> <li>• Remote power on/off/reset</li> <li>• SEL message alarm through mail</li> <li>• SNMP support</li> <li>• Intel NM</li> </ul>	
<b>Gross Weight</b>	(w/ PSU & Rail)	kgs: 37
<b>Dimensions</b>	(W x D x H)	mm: 430 x 680 x 174.3
		inches: 16.9 x 26.8 x 6.9
<b>Certification</b>	BIS, RoHS compliant	
<b>Warranty</b>	3 Years + 2 Years Extended	
<b>ADDITIONAL ACCESSORIES</b>	<ul style="list-style-type: none"> <li>• HBA (FC iSCSI &amp; SAS) &amp; Raid - OCP3.0/ PCIe 4.0 x8</li> <li>• Dual Port 1GbE RJ45 Network Card</li> <li>• Dual Port 10 GbE RJ45 Network card</li> <li>• Dual-Port 10G SFP+ OCP 3.0/ PCIe 4.0 x8</li> <li>• Dual Port QSFP 25GbE Ethernet Network Adapter</li> <li>• QUAD PORT 10GbE SFP+ Ethernet Network Adapter</li> <li>• Quad-Port 16 GB FC Adapter</li> <li>• Dual Port 25 Gb/s Network Interface Card</li> <li>• Quad Port 25Gbs Network Interface Card</li> <li>• CDAT Dual port 100Gbs PCIe 4.0 x16</li> <li>• Dual 40 GbE QSFP+ Direct Attach Cabling up to 10m</li> </ul>	
<b>Mounting</b>	Standard 28" tool-less slide rail	

