



Front View

12 x 3.5" hot swap drive bays



Features

- 2U 4-Node hybrid storage server supports 12 hot swap 3.5" SATA/SAS drive bays
- Supports 4th Gen. Intel® Xeon® Scalable processors (Sapphire Rapids)
- Maximizing the use of the processor, memory, and add-on cards in one single system
- Onboard Baseboard Management Controller for system management and IPMI control
- 3 x PCIe X16 extensions on each node
- Front-to-back airflow and easy swap redundant fans to provide optimal thermal conditions

Rear View



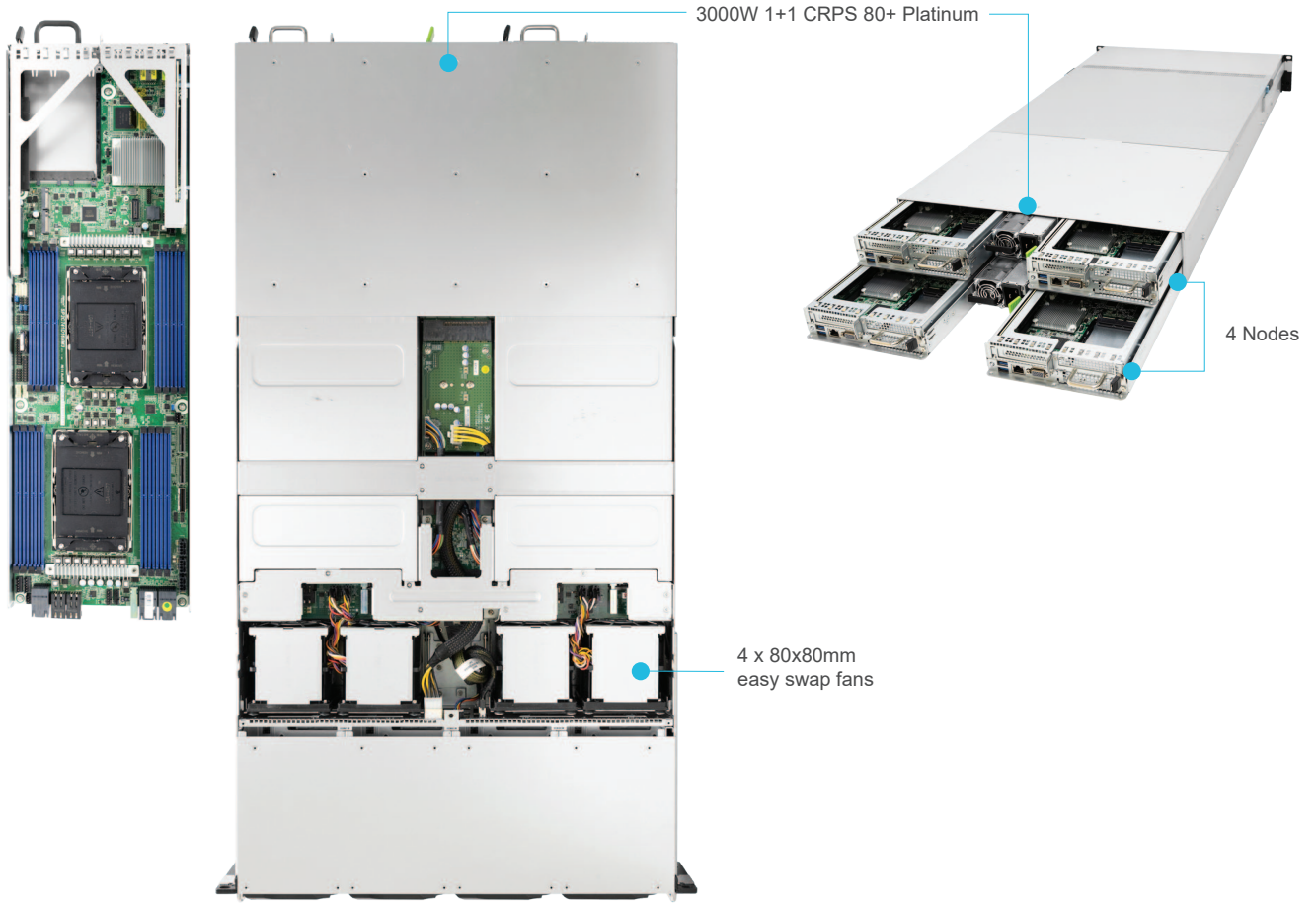
Specifications

Dimensions (W x D x H)	mm : 438 x 850 x 87		
	inches : 17.2 x 33.5 x 3.4		
Motherboard	AIC Server Board Kratos		
Processor	Processor Support	Intel® next Gen Sapphire Rapids – SP/Emerald Rapids-SP Family Processors <i>*Please contact AIC Technical Support for more info/details about optimized CPUs and specialized system.</i>	
	CPU Interconnection	12.8, 14.4, and 16GT/s	
	Socket Type	2 x Socket E2: 4677 pins	
Chipset Support	Intel® Emmitsburg PCH		
System Memory (per node)	• 8 x DDR5 memory channels per CPU • 16 x DIMM slots (1x DPC), 4800/5600 MT/s		
Front Panel (per node)	Power on/off button		
LEDs (per node)	Power LED / Alert LED / UID LED		
Drive Bays	External	3.5" hot swap	12 (3 x drives per node)
	Internal	M.2	2 x M.2(NGFF) / M-Key / 2280 / Support SATA or PCIe 4.0 X4
Backplane	12 x SAS/SATA 12G		
Expansion Slots (per node)	PCIe 5.0	• 2 x PCIe X16 slots (HHHL) • 1 x OCP 3.0 bay (PCIe X16 width)	
Riser Cards	BRC-PE10050AA01	4 x PCIe 5.0 X16 (left side)	
	BRC-PE10051AA01	4 x PCIe 5.0 X16 (right side)	

System BIOS	BIOS Type	AMI UEFI BIOS
	BIOS Features	<ul style="list-style-type: none"> • ACPI • PXE • WOL • AC loss recovery • BIOS recovery • IPMI 2.0 KCS mode interface • SRIOV • SMBIOS • TPM • Serial console redirection • PCIe hotplug
On-board Devices	SATA	<ul style="list-style-type: none"> • 2 SATA 7-pin (SATA 6Gb/s) • 6 SATA to front edge connectors (SATA 6Gb/s)
	BMC	Aspeed AST2600 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 • HTML5 • Redfish • SMASH Support
	Network Controllers	<ul style="list-style-type: none"> • Realtek RTL8211F GbE PHY for dedicated management port • Intel® i210 GbE NIC for shared management port
	Graphics	Aspeed AST2600 Advanced PCIe Graphics & Remote Management Processor • PCIe Graphic/2D Controller • 1920x1200@60Hz 32bpp



Top View



(Power supply and Server board are included.)

Rear I/O	LAN	1 x GbE RJ45 dedicated/shared BMC management
	USB	2 x USB 3.0 Type A
	Video Output	1 x DB15 connector
Power Supply	3000W 1+1 CRPS 80+ Platinum	
System Cooling	4 x 80x80mm 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 	

Gross Weight	(w/ PSU & Rail)	kgs : 45
		lbs : 99.2
Packaging Dimensions	(W x D x H)	mm : 585 x 1200 x 284
		inches : 23 x 47.2 x 11.2
Mounting	Standard	33.46" tool-less slide rail