



Front View

12 x 2.5" hot swap drive bays



Features

- 1U all-flash server solution
- 12 x 2.5" front hot-swappable NVMe bays
- Supports dual 5th Gen Intel® Xeon® Scalable Processors (codename: Emerald Rapids)
- Supports dual 4th Gen Intel® Xeon® Scalable Processors (codename: Sapphire Rapids)
- 32x DDR5 RDIMM and 4x PCIe Gen5 extensions

Rear View



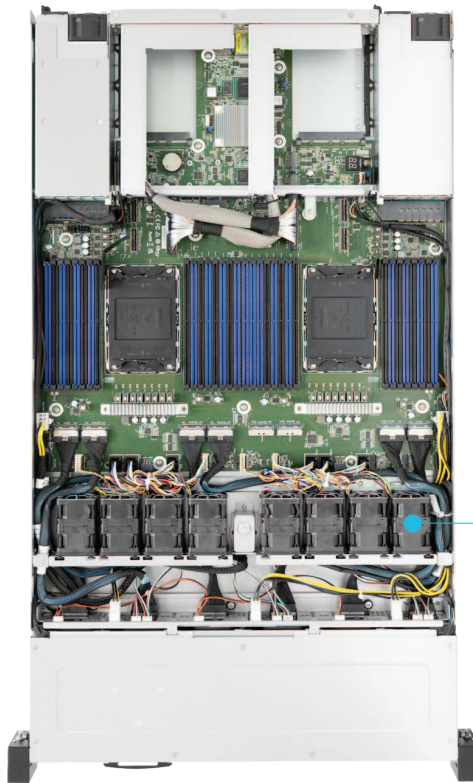
Specifications

Dimensions (W x D x H)	mm : 438 x 800 x 43.75		
	inches : 17.2 x 33.5 x 1.75		
Motherboard	AIC Server Board Horkos		
Processor	Processor Support	<ul style="list-style-type: none"> • 5th Gen Intel® Xeon® Scalable Processors (Emerald Rapids) • 4th Gen Intel® Xeon® Scalable Processors (Sapphire Rapids) • Supports CPU TDP up to 350W <i>*Please contact AIC Technical Support for more info/details about optimized CPUs and specialized system.</i>	
	Socket Type	Socket E (LGA 4677)	
Chipset Support	Intel® Emmitsburg PCH (C741 Chipset)		
System Memory	<ul style="list-style-type: none"> • DDR5 4800MHz (1DPC) • DDR5 5600MHz (1DPC) 4400MTS (2DPC) by Emerald Rapids CPU • Total 32 memory slots; 16 slots per CPU (2DPC) 		
Front Panel	<ul style="list-style-type: none"> • 1 x System power on/off button/LED • 1 x System reset button • 1 x System ID button/LED • 1 x System alert (BMC) • 1 x USB 3.0 		
Drive Bays	External	2.5" hot swap	12 x PCIe Gen5 NVMe
	Internal	M.2	2 x M.2/M-Key/22110/2280 (PCIe Gen4)
Backplane	3 x 4-bay NVMe PCIe Gen5		
Expansion Slots	PCIe 5.0	<ul style="list-style-type: none"> • 2 x PCIe X16 slots (FHHL) • 2 x OCP 3.0 bays (PCIe X16 width) 	

Riser Card (included)	G3-A00001149	2 x PCIe 5.0 x16 cable CEM
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 <ul style="list-style-type: none"> • SRIOV • SMBIOS • TPM • Serial console redirection • PCIe hotplug
On-board Devices	NVMe	Intel® Emmitsburg PCH on-chip solution • M.2: 2 x M.2/M-Key/22110/2280 (PCIe Gen4)
	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	Realtek RTL8211E for BMC dedicated management port
	Graphics	Aspeed AST2600 Advanced PCIe Graphics & Remote Management Processor • PCIe Graphic/2D Controller • 1920x1200@60Hz 32bpp



Top View



8 x 40x56mm easy swap fans

(Power supply and Server board are included.)

Rear I/O	LAN	1 x GbE RJ45 dedicated BMC management
	USB	2 x USB 3.2 Gen1 Type A
	Video Output	1 x Mini DisplayPort
	Serial Port	1 x RJ45 (COM)
Power Supply	<ul style="list-style-type: none"> • 1600W redundant power supply 80+ Platinum/Titanium • 2000W redundant power supply 80+ Platinum/Titanium 	
System Cooling	8 x 40x56mm easy swap fans ABS material plastic air-duct (clear)	

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 : 20
		lbs : 44
Packaging Dimensions	(W x D x H)	mm : 595 x 1115 x 239
		inches : 23.4 x 43.9 x 9.4
Mounting	Standard	28" tool-less slide rail