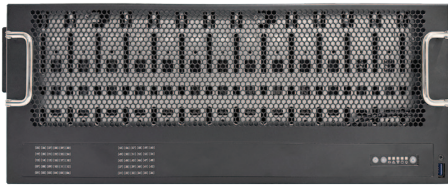


Front View



Features

- 4U high-density storage server supports 60 hot-swap 3.5" SAS drive bays
- Supports dual 5th Gen Intel® Xeon® Scalable Processors (Emerald Rapids CPU)
- Supports dual 4th Gen Intel® Xeon® Scalable Processors (Sapphire Rapids CPU)
- Supports DDR5 RDIMM and PCIe Gen5 extensions
- Onboard Baseboard Management Controller for system management and IPMI control
- Front-to-back airflow and hot swap redundant fans to provide optimal thermal conditions

Rear View



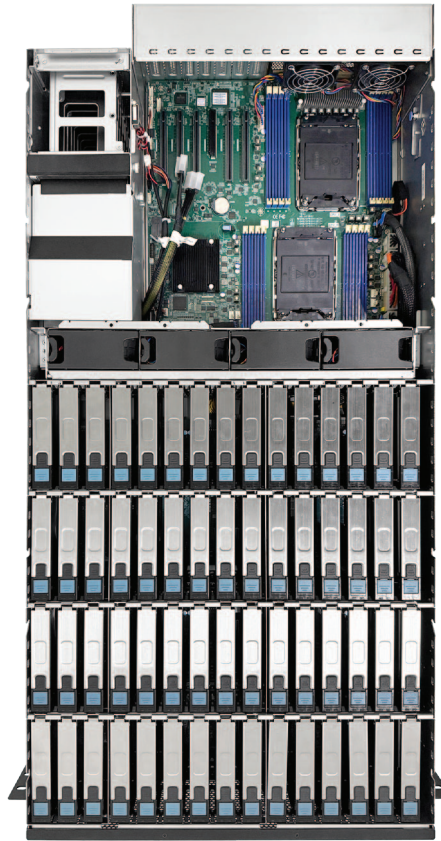
Specifications

Dimensions (W x D x H)	mm : 434 x 853 x 176		
	inches : 17.1 x 33.6 x 7		
Motherboard	AIC Server Board Vega		
Processor	Processor Support	<ul style="list-style-type: none"> • Dual 5th Gen Intel® Xeon® Scalable Processors (Emerald Rapids CPU) • Dual 4th Gen Intel® Xeon® Scalable Processors (Sapphire Rapids CPU) <i>*Please contact AIC Technical Support for more info/details about optimized CPUs and specialized system.</i>	
	CPU Interconnection	16/20GTs	
	Socket Type	Socket E1 (LGA-4677-X)	
Chipset Support	Intel® C741		
System Memory	<ul style="list-style-type: none"> • DDR5 5600/4800MHz RDIMM (1DPC) • Total 16 memory slots; 8 slots per CPU (1DPC) • Supports up to 4TB (3DS RDIMM) 		
Front Panel	System power on/off, System reset, 1 x USB 3.0 Type-A		
LEDs	Power status, System alert, LAN activity, Drive activity, System ID		
Drive Bays	External	3.5" hot swap	60 (SATA/SAS)
		2.5" hot swap	8 (6 NVMe Gen4 + 2 SATA)
	Internal	2 x M.2/M-Key/2280 (PCIe Gen4)	
Backplanes	Top-load	2 x 30-port 12G SAS BP with 40-PHY expander	
	Rear	8-bay Gen5 Tri-mode config as 6 NVMe + 2 SATA	

Expansion Slots	PCIe 5.0	• 5 x PCIe x16 slots (FHHL)
		• 1 x PCIe x8 slot (FHHL)
System BIOS	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 • SRIOV • SMBIOS • TPM • Serial console redirection • PCIe hotplug
On-board Devices	SATA	Emmitsburg PCH on-chip solution • 2 x SATA3.0 (6 Gb/s) 7-pin connectors • 1 x Slimline connector (up to 8 SATA ports)
	IPMI	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
	Network Controllers	<ul style="list-style-type: none"> • Realtek RTL8211FS 1GbE for BMC dedicated management port • Broadcom BCM5720 dual port 1GbE (NCSI for share NIC)
	Graphics	<ul style="list-style-type: none"> • Integrated VGA support by ASPEED AST2600 • Resolution up to 1920x1200 @60Hz 32bpp



Top View



(Power supply and Server board are included.)

SB407-VA

Rear I/O	LAN	<ul style="list-style-type: none"> • 1 x RJ45 GbE connector for BMC dedicate management port • 2 x RJ45 1GbE connectors
	USB	2 x USB 3.2 Gen1 Type-A
	VGA	1 x DB-15 VGA connector
Power Supply	800W 2+2 redundant power supply PMBus 1.2 80+ Platinum/Titanium	
System Cooling	Middle	4 x 80x38mm hot swap fans
System Management	<ul style="list-style-type: none"> • IPMI 2.0 • KVM over IP • Media redirection • Temperature, fan, voltage, PSU sensor monitor • System temperature • System ID / System fail indicator • Remote power on/off/reset • SEL message alarm through mail • SNMP support 	

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 : 80
		lbs : 176
Packaging Dimensions	(W x D x H)	mm : 586 x 1110 x 400
		inches : 23 x 43.7 x 15.7
Mounting	Options	<ul style="list-style-type: none"> • 40" tool-less slide rail • 37" tool-less slide rail • Cable management kit

Ordering Information

SKU Number	Description
XP1-S407VA01	4U 60-bay, 12G (35X) EOB backplane, 6x PCIe Gen5 NVMe + 2x SATA, CRPS 800W 2+2 Platinum, Vega motherboard, Intel Emmitsburg, DDR5 RDIMM x16, Intel PCH C740, 1x GbE dedicate IPMI, 5x PCIe x16 Gen5, 1x PCIe x8 Gen5, 2x M.2 PCIe, EATX, 2x CPU heatsink, 35.1" slide rail (for 1M rack or post-to-post 693.5 mm to 993 mm rack), pallet, w/o bezel, w/o power cord