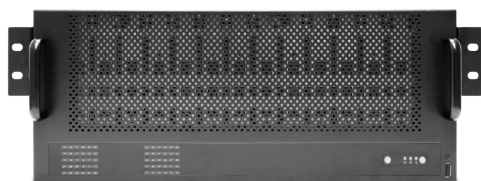




Front View



Features

- 4U high-density storage server supports 60 hot swap 3.5" SAS drive bays
- Supports 3rd generation Intel® Xeon® Scalable Processor (Ice Lake)
- Intel® C621A chipset to provide 5+ years product life cycle
- Onboard 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

Rear View



8 x 2.5" NVMe hot swap drive bays

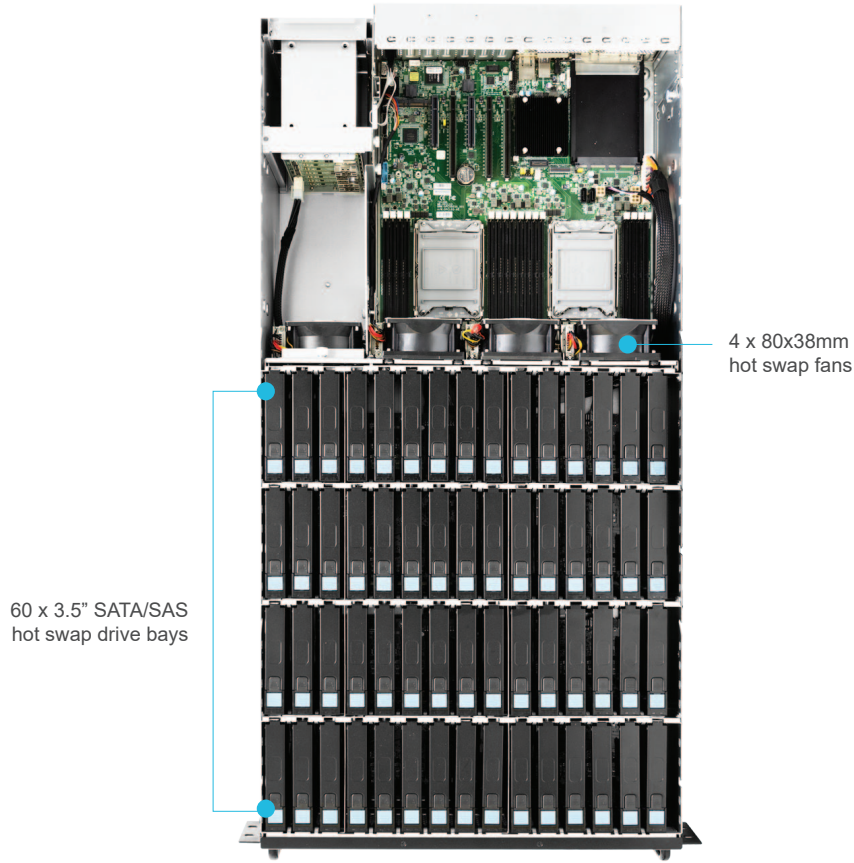
Specifications

Dimensions (W x D x H)	mm : 434 x 853 x 176		
	inches : 17.1 x 35 x 7		
Motherboard	AIC Server Board Tucana		
Processor	Processor Support	Intel® 3rd Gen Xeon® Scalable Processors (Ice Lake) <i>*Please contact AIC Technical Support for more info/details about optimized CPUs and specialized system.</i>	
	CPU Interconnection	11.2 GT/s	
	Socket Type	Socket P+ (LGA-4189)	
Chipset Support	Intel® Lewisburg-R C621A PCH		
System Memory	<ul style="list-style-type: none"> • 8 x memory channels per CPU, 1 x DIMM per channel • 16 x DIMM slots support 3200/2933/2666 MT/S • Intel® Optane™ Persistent Memory 200 (Barlow pass) support 		
Front Panel	System power on/off, System reset, 2 x USB 3.0 Type A		
LEDs	Power status, System alert, LAN activity, Drive activity, System ID • Power (Secondary) • Warning B : • Power (Primary) • Warning		
Drive Bays	Top-load	3.5" hot swap	60 (SATA/SAS)
	Rear panel	2.5" hot swap	8 NVMe
	Internal	M.2	2 x M.2(NGFF)/M-Key/2280
Backplane	2 x 30-port 12G SAS backplanes with 40-PHY expander		
Expansion Slots	PCIe 4.0	<ul style="list-style-type: none"> • 3 x PCIe X16 slots (FHHL) • 2 x PCIe X8 slots (FHHL) • 1 x PCIe X16 OCP (hot-swappable) 	

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 interface • SMBIOS • Serial console redirection • BIOS Boot Specification • BIOS Recovery Mode • SRIOV • iSCSI • TPM • PCIe Hotplug
On-board Devices	SATA	Intel® Lewisburg-R on-chip solution <ul style="list-style-type: none"> • 8 x SATA 6.0 Gb/s (by 1 x Slimline 8i) • 2 x SATA 6.0 Gb/s (by 2 x SATA 7 pin) • RAID 0, 1, 5, 10 support by Intel RSTe
	IPMI	Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor <ul style="list-style-type: none"> • Baseboard Management Controller • Intelligent Platform Interface 2.0 (IPMI 2.0) • iKVM, Media Redirection, IPMI over LAN, Serial over LAN • SMASH Support • HTML5 • Redfish
	Network Controllers	<ul style="list-style-type: none"> • Realtek RTL8211E 10/100/1000 Mbps Ethernet for BMC dedicated management port • Reserve NC-SI to OCP bay for optional shared-NIC module
	Graphics	Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor <ul style="list-style-type: none"> • PCIe VGA/2D Controller • 1920x1200 • 60Hz 32bpp



Top View



60 x 3.5" SATA/SAS hot swap drive bays

4 x 80x38mm hot swap fans

(Power supply and Server board are included.)

SB407-TU

Rear I/O	LAN	1 x 10/100/1000M RJ45 dedicated to BMC management
	USB	2 x USB3.0 double-staked Type A connector
	VGA	1 x external VGA port (in slot#1)
	Serial Port	1 x external COM port phone jack
TPM Support	2.0 onboard	
Power Supply	Standard	800W 2+2 redundant PSU PMBus 1.2 80+ Platinum
	Options	<ul style="list-style-type: none"> • 800W 2+2 redundant • 1200W 1+1 redundant • 1600W 1+1 redundant
System Cooling	Middle : 4 x 80x38mm hot swap fans	

System Management	<ul style="list-style-type: none"> • Baseboard Management Controller • Intelligent Platform Interface 2.0 (IPMI 2.0) • iKVM, Media Redirection, IPMI over LAN, Serial over LAN • SMASH Support • HTML5 • Redfish 	
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	Standard	37" tool-less slide rail (SKU01)
	Optional	40" tool-less slide rail (SKU02) Cable Management Kit