



Front View

24 U.2 front PCIe Gen5 bays (XP1-S201SU04)



Features

- 2U all-flash server solution
- 24 x 2.5"/E3.S front hot-swappable PCIe Gen5 NVMe bays
- Supports Intel® Xeon® 6 Scalable Processors for highest server performance and improved power efficiency
- Supports DDR5 RDIMM and PCIe Gen5 extensions
- 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

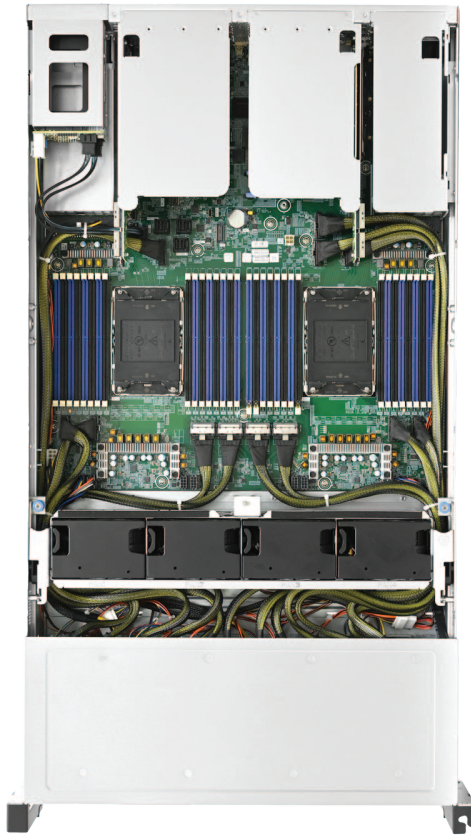


Specifications

Dimensions (W x D x H)	mm : 438 x 820 x 87.5		
	inches : 17.2 x 32.2 x 3.4		
Motherboard	AIC Server Board Sirius		
Processor	Processor Support	• Dual Intel® Xeon® 6 6700E/6500P/6700P series • Supports CPU TDP 350W <i>*Please contact AIC Technical Support for more info/details about optimized CPUs and specialized system</i>	
	UPI Speeds	24GTs	
	Socket Type	Socket E2 (LGA 4710 Socket)	
System Memory	• Total 32 memory slots; 8 channel per CPU (2DPC) • DDR5 6400MHz(1DPC) 5200MHz(2DPC) 8000MHz(1DPC MCR) by 6700P/6500P series; • DDR5 6400MHz(1DPC) 5200MHz(2DPC 2Rx4 RDIMM only) by 6700E series; • DDR5 6400MHz(1DPC) 5200MHz(2DPC) 8000MHz(1DPC MCR) by Clearwater Forest		
Front Panel	Power button, ID button, Reset button, VGA, 2 x USB 3.0		
Drive Bays	External	U.2 hot-swap (Front) E3.S hot-swap (Option)	24
	Internal	2 x M.2 2280/22110 (PCIe Gen5 x 4)	
Backplane	Front Options	• 3 x 8-port Tri-mode NVMe/SAS/SATA PCIe Gen5 • 3 x 8-port E3.S Gen5 NVMe (Option)	
	Rear Options	• 1 x 2-port 2.5" SAS/SATA • 1 x 2-port 2.5" Tri-mode + 1 x 2-port 2.5" SAS/SATA	

Expansion Slots	PCIe 5.0	2 X16 FHHL/HHHL + 1 x OCP 3.0
Riser Card (included)	• 1 x RC-PE2U26-TY • 1 x RC-PE2U27-TY	
System BIOS	BIOS Type	AMI UEFI BIOS
	BIOS Features	• ACPI • PXE • WOL • AC loss recovery • IPMI 2.0 KCS mode interface • SRIOV • SMBIOS • TPM • Serial console redirection • PCIe hotplug
On-board Devices	SATA	• 2 x SATA3 7-pin by ASM1062R (support RAID 0/1) • 12 x SATA3 by 3 x Mini-SAS connectors (power by ASM1164)
	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
	Network Controllers	• Realtek RTL8211FS 1GbE for BMC dedicated management port • 2 x Intel® I210 GbE Ethernet Controller
	Graphics	• Integrated VGA support by ASPEED AST2600 • Resolution up to 1920x1200 @60Hz 32bpp

Top View



(Power supply and Server board are included.)

Front View (Options)

- 24 x E3.S front PCIe Gen5 bays (XP1-S201SU08)



- 8 x E3.S with 16x U.2 front PCIe Gen5 bays (XP1-S201SU07)



SB201-SU

Rear I/O	LAN	• 2 x RJ45 connectors for dual port GbE • 1 x RJ45 connector (for BMC management port)
	USB	2 x USB 3.2 Gen 1 Type A
	Video Output	• 1 x DB-15 VGA connector • 1 x Mini display port
	Serial Port	1 x COM connector (Audio Jack)
Power Supply	2000W/2400W 1+1 CRPS 80+ Titanium by CPU/NVMe supporting wattage SKU options	
System Cooling	4 x 80x56mm hot swap fans	
System Management	• 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	• 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 : 25 lbs : 55
Packaging Dimensions	(W x D x H)	mm : 615 x 1155 x 328 inches : 24.2 x 45.5 x 12.9
Mounting	Standard	36" tool-less slide rail

Ordering Information

SKU Number	Description
XP1-S201SU04	2U 24-bay 2.5" hot-swap, 3x PCIe Gen5 NVMe 8-port backplane, 2x 2.5" SATA hot-swap (rear), 4x 8056 fan, Acbel 2000W redundant power supply Titanium (C14 inlet), Sirius motherboard, DDR5 RDIMM x32, 1x GbE dedicate IPMI, 2x PCIe x16 Gen5 (FHHL), 1x OCP 3.0 x16 Gen5, 2x CPU heatsink, 36" slide rail, w/o bezel
XP1-S201SU07	2U 8 E3.S with 16 U.2 NVMe/SAS/SATA PCIe Gen5, rear 2 X 2.5 SATA/SAS with 2000W PSU Titanium, 4x 8056 fan, Sirius motherboard, DDR5 RDIMM x32, 1x GbE dedicate IPMI port, dual GbE LANs, 2x PCIe x16 Gen5 (FHHL), 1x OCP 3.0 x16 Gen5, 2x CPU heatsink, 36" slide rail, w/o bezel
XP1-S201SU08	2U 24 E3.S, rear 2x 2.5" SATA/SAS with 2000W PSU Titanium, 4x 8056 fan, Sirius motherboard, DDR5 RDIMM x32, 1x GbE dedicate IPMI port, dual GbE LANs, 2x PCIe x16 Gen5 (FHHL), 1x OCP 3.0 x16 Gen5, 2x CPU heatsink, 36" slide rail, w/o bezel