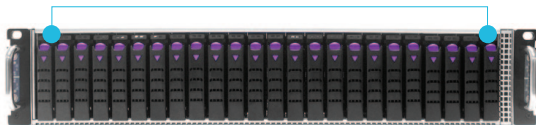




Front View

24 x 2.5" hot swap drive bays



Features

- 2U 4-Node hybrid storage server supports 24 hot swap 2.5" drive bays for NVMe SSDs(U.2)/SATA/SAS
- Supports AMD EPYC™ 7003/7002/7001 processor
- Maximizing the use of the numbers of memory, add-on cards and drives 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

4 compute nodes, 2 x PCIe x16 low profile cards



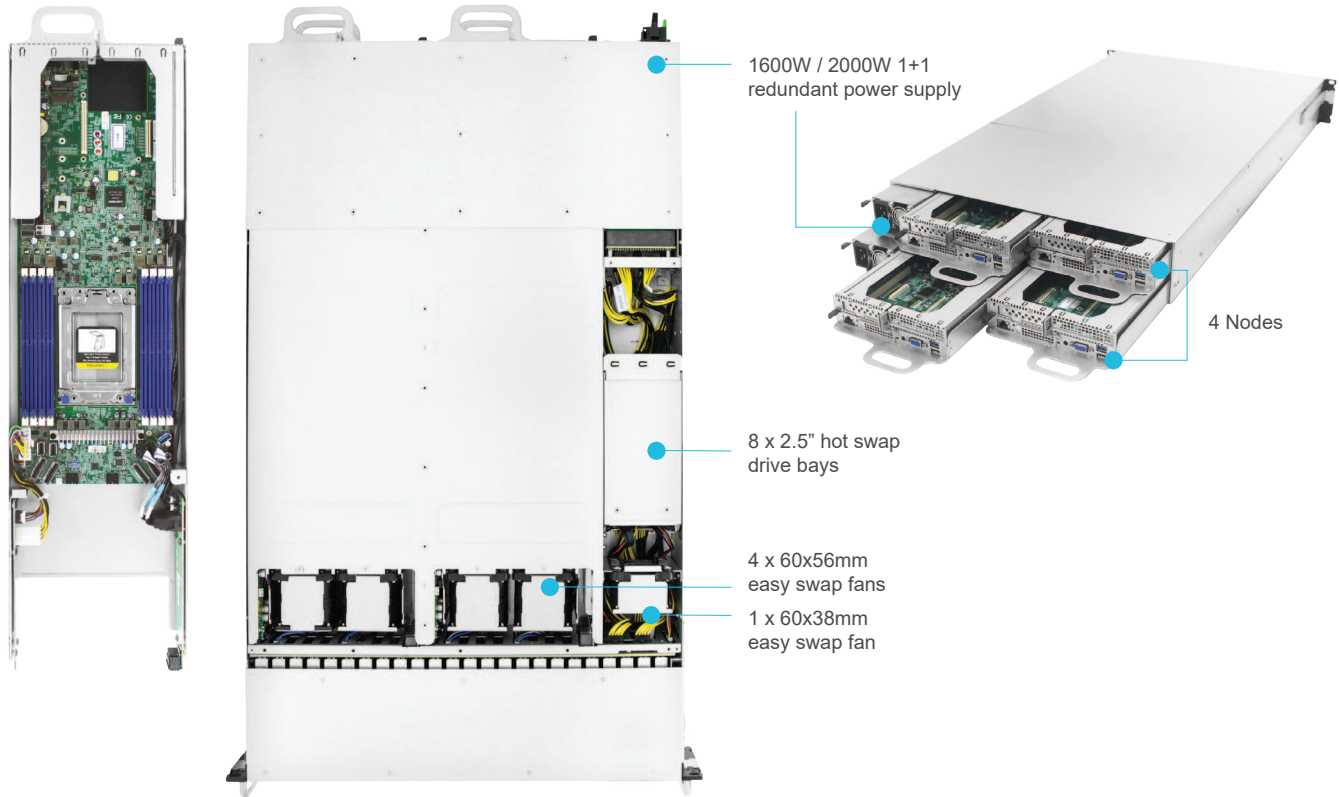
Supports 1 x PCIe x16 OCP V2.0 Mezzanine (per node)

Specifications

Dimensions (W x D x H)	mm : 438 x 780 x 87.5		
	inches : 17.2 x 30.7 x 3.5		
Motherboard (per node)	AIC Server Board Auriga		
Processor (per node)	Processor Support	• Single AMD EPYC™ 7003/7002/7001 processor • Supports CPU TDP up to 280W (support by EPYC™ 7003 CPU) <i>*Please contact AIC Technical Support for more info/details about optimized CPUs and specialized system.</i>	
	Socket Type	SP3	
Chipset Support (per node)	AMD EPYC™ SOC		
System Memory (per node)	• DDR4 3200/2933MHz RDIMM/LRDIMM • Total 8 memory slots ; 8 channels • Supports up to 2TB (support by EPYC™ 7003/7002 CPU) • Supports NVDIMM feature		
Front Panel	Node power on/off		
LEDs	• Node power status • Node ID • BMC alert		
Drive Bays	External	2.5" hot swap	24 (6 x PCIe Gen.3 NVMe/SAS/SATA per node)
	Internal	M.2	8 (2 x SATA per node) (Option) 2 x M.2(NGFF) / M-Key / 2280 / Supports PCIe Gen.3 x 2 or SATA
Backplane	1 x 24-port NVMe/SAS/SATA backplane with high-density connectors to bridge riser board		
Expansion Slots (per node)	PCIe 3.0/4.0	• 2 x16 slots (LP) • 1 x16 OCP Mezzanine V2.0 <i>*Please contact AIC Technical Support for more info/details about OCP card.</i>	

Riser Card (included) (per node)	RC-PE1U02-Z2	1 x16 PCIe slot
	RC-PE1U18-TY	1 x16 PCIe slot
System BIOS	BIOS Type	AMI/Insyde UEFI BIOS <i>*Please contact with AIC Technical Support for the details.</i>
	BIOS Features	• ACPI • PXE • IPMI KCS interface • SMBIOS • SRIOV • iSCSI • TPM • PCIe hotplug
On-board Devices	SATA/NVMe	• 2 x SATA 6.0 Gb/s • 2 x SATA 6.0 Gb/s by M.2 (M-key) supports up to 22110 (can be configured as 2 x PCIe x1 M.2)
	BMC	Aspeed AST2500 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
	Graphics	Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor • PCIe VGA/2D Controller • 1920x1200@60Hz 32bpp

Top View



(Power supply and Server board are included.)

Rear I/O (per node)	LAN	1 x RJ45 dedicated to BMC management
	USB	2 x USB 3.0
	Video Output	1 x external DB-15 VGA port
	Others	• Power on/off • System ID • BMC alert LED
TPM Support	2.0 onboard	
Power Supply	1600W 1+1 redundant power supply 80+ Platinum • AC INPUT : 200~240V,50/60Hz,12A (except China/Taiwan) • AC INPUT : 200~240V,50/60Hz,10A (for China/Taiwan) 2000W 1+1 redundant power supply 80+ Platinum (BTO) • AC INPUT : 200~240V,50/60Hz,15A • Socket type: C20 (Power cord type: C19)	
System Cooling	• 4 x 60x56mm easy swap fans • 1 x 60x38mm easy swap fan	

System Management	• Baseboard Management Controller • Intelligent Platform Interface 2.0 (IPMI 2.0) • iKVM, Media Redirection, IPMI over LAN, Serial over LAN • SMASH 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 : 36
		lbs : 79.4
Packaging Dimensions	(W x D x H)	mm : 605 x 1100 x 320
		inches : 23.6 x 42.9 x 12.5
Mounting	Standard	28" tool-less slide rail

Ordering Information

SKU Number	Description
XP1-P201AG01	24x 2.5" tray, 24x 2.5" HDD backplane, internal 8x 2.5" OS kit/ cables, 4x system fan 6056, 1x system fan 6038, 2000W 1+1 redundant 80+ Platinum, 4x Auriga, 8x PCIe card riser, 4x BP connection riser (SATA/NVMe), 4x power connection riser, 4x Socket SP3 EPYC heatsink, 4x Slimline cables (SATA), 16x Slimline cables (NVMe), slide rail, w/o bezel, with OS kit
XP1-P201AG02	24x 2.5" tray, 24x 2.5" HDD backplane, 4x system fan 6056, 1x system fan 6038, 2000W 1+1 redundant 80+ Platinum, 4x Auriga, 8x PCIe card riser, 4x BP connection riser (SATA/NVMe), 4x power connection riser, 4x socket SP3 EPYC heatsink, 4x Slimline cables (SATA), 16x Slimline cables (NVMe), slide rail, w/o bezel, w/o OS kit
XP1-P201AG03	24x 2.5" tray, 24x 2.5" HDD backplane, internal 8x 2.5" OS kit/ cables, 4x system fan 6056, 1x System Fan 6038, 1600W 1+1 redundant 80+ Platinum, 4x Auriga, 8x PCIe card riser, 4x BP connection riser (SATA/NVMe), 4x power connection riser, 4x Socket SP3 EPYC heatsink, 4x Slimline cables (SATA), 16x Slimline cables (NVMe), slide rail, w/o bezel, with OS kit
XP1-P201AG04	24x 2.5" tray, 24x 2.5" HDD backplane, 4x system fan 6056, 1x system fan 6038, 1600W 1+1 redundant 80+ Platinum, 4x Auriga, 8x PCIe card riser, 4x BP connection riser (SATA/NVMe), 4x power connection riser, 4x socket SP3 EPYC heatsink, 4x Slimline cables (SATA), 16x Slimline cables (NVMe), slide rail, w/o bezel, w/o OS kit