FB122-CP Edge Server



Features

- Supports AMD EPYC™ 9000 series processors up to 400W TDP
- Supports FHHL, HHHL, and OCP 3.0 interfaces simultaneously
- Supports up to 12 x U.2 NVMe PCIe Gen5 drives, delivering extreme I/O throughput
- Equipped with 8 x 4056 system fans to enhance cooling efficiency

Front View



Rear View

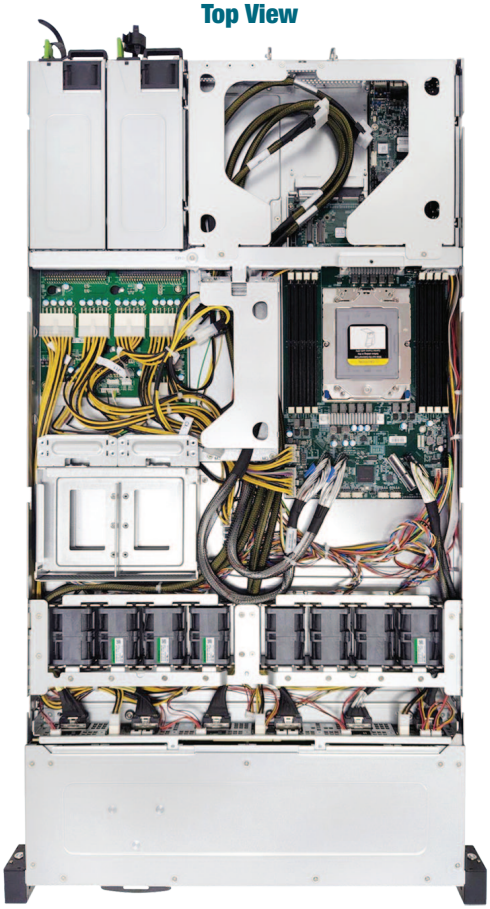


Specifications

Dimensions (W x D x H)	mm : 438 x 800 x 43.5		
	inches : 19 x 31.5 x 1.75		
Motherboard	AIC Server Board Capella		
Processor	Processor Support	AMD EYPC™ 9000 series **Please contact AIC Technical Support for more info/details about optimized CPUs and specialized system.*	
	CPU TDP	Up to 400W	
	Socket Type	SP5	
System Memory	Total 8 memory slots DDR5 RDIMM 6000(Turin only)/4800/3600 MHz Compatible with Micron CZ122 memory expansion modules, CXL 2.0 supported.		
Front Panel	System power on/off, System reset, ID button		
LEDs	Power status, Drive activity, LAN activity, System alert, System ID • Power (Secondary) • Warning • Power (Primary)		
Drive Bays	External	2.5" hot swap	12
Expansion Slots	PCIe 5.0	• Total support 120 lanes of PCIe Gen5 - 4 x MCIO x16 (PCIe Gen5) - 1 x PCIe Gen5/CXL X16 slot - 1 x OCP Mezzanine V3.0 supports PCIe Gen5/CXL X16 - 1 x GenZ PCIe Gen5/CXL X16 slot - 2 x NGFF (M.2) M-Key (2280) support PCIe Gen5/CXL X4	

Riser Card	GenZ PCIe x16 riser card, PCIe x16 slot x1	
System BIOS	BIOS Type	AMI UEFI BIOS
	BIOS Features	• ACPI • PXE • WOL • AC loss recovery • IPMI 2.0 KCS interface • SMBIOS • Serial console redirection • SRIOV • TPM • PCIe hotplug
On-board Devices	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 • SMASH support • HTML5 • Redfish
	Network Controllers	Realtek RTL8211FS GbE Ethernet for BMC dedicated management port
	Graphics	Aspeed AST2600 Advanced PCIe Graphics & Remote Management Processor • 1xmini DP • 1920x1200@60Hz 32bpp

Top View



(Power supply and Server board are included.)

Rear I/O	LAN	1 x RJ45 for Dedicated BMC management
	USB	2 x USB 3.2 Gen1(Type-A)
	VGA	1x mini-DP
	Serial Port	1 x external COM (by Audio Jack)

Power Supply	1300W 1+1RPSU Platinum/Titanium	
System Cooling	8x 40x56mm system fans	
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	
Mounting	Standard	28" tool-less slide rail

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