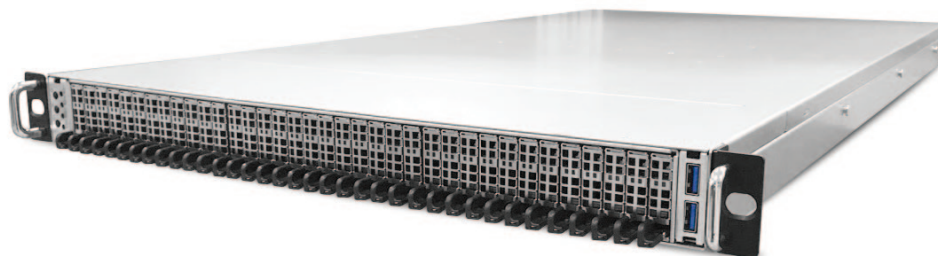


FB127-AG



Features

- 1U storage server supports 36 NF1 (NGSFF, Next Generation Small Form Factor) NVMe SSD to provide a high-density, all NVMe Flash storage array
- Supports AMD EPYC™ 7002/7001 processor
- Supports two x16 PCIe slots and one OCP 2.0 x16 Mezzanine card per board
- Each node supports 18 NF1 SSD drives
- Onboard Baseboard Management Controller for system management and IPMI control
- Front-to-back airflow and easy swap fans to provide optimal thermal conditions

SPECIFICATIONS

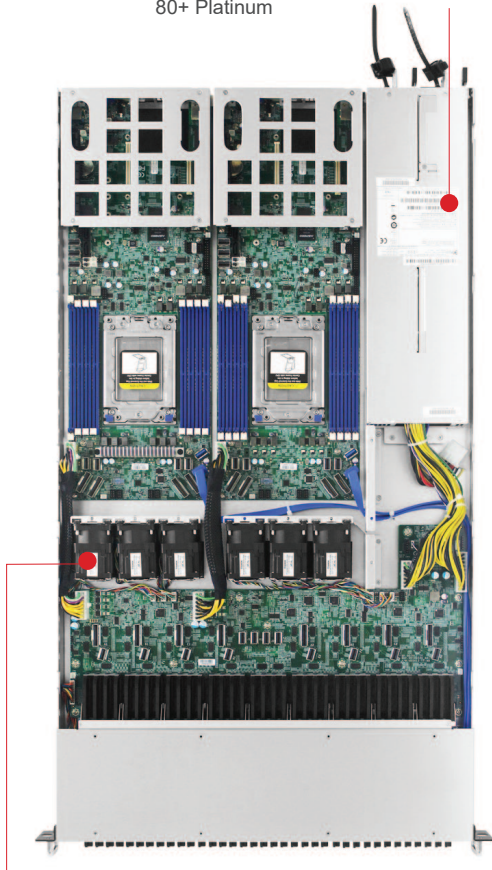
Dimensions (W x D x H)	mm : 438 x 801.2 x 44		
	inches : 17.2 x 31.5 x 1.7		
Motherboard	2 x AIC Server Board Auriga		
Processor (per motherboard)	Processor Support	<ul style="list-style-type: none"> • Single AMD EPYC™ 7002/7001 processor (Rome/Naples) • Supports CPU TDP up to 180W <i>*Please contact AIC Technical Support for more info/details about optimized CPUs and specialized system.</i>	
	Socket Type	SP3	
Chipset Support	AMD EPYC™ SOC		
System Memory	<ul style="list-style-type: none"> • DDR4 3200/2933MHz RDIMM/LRDIMM • Total 8 memory slots ; 8 channels • Supports up to 2TB (support by ROME CPU) • Supports NVDIMM feature 		
Front Panel	<ul style="list-style-type: none"> • System power on/off • 2 x USB 3.0 Type A 		
LEDs	<ul style="list-style-type: none"> • Power status • Drive activity • LAN activity • System ID/alert (bi-color) 		
Drive Bays	External	NF1	36
	Internal	M.2	2 x M.2(NGFF) / M-Key / 2280 / Supports SATA or PCIe x2
Backplane	1 x 36-port NF1 NVMe SSD backplane		
Expansion Slots (per motherboard)	PCIe 3.0/4.0	<ul style="list-style-type: none"> • 2 x16 slots (LP) • 1 x OCP Mezzanine V2.0 <i>*Please contact AIC Technical Support for more info/details about OCP card.</i>	

Riser Card (included)	RC-PE1U02-Z2	1 x16 PCIe slot
	RC-PE1U18-TY	1 x16 PCIe slot
System BIOS	BIOS Type	Insyde UEFI BIOS
	BIOS Features	<ul style="list-style-type: none"> • ACPI • PXE • IPMI KCS interface • SMBIOS • Serial console redirection • SRIOV • iSCSI • TPM • PCIe Hotplug
On-board Devices	SATA/NVMe	AMD CPU Integrated I/O • 2 x SATA 6.0 Gb/s • 2 x SATA 6.0 Gb/s by M.2 (M-key) supports up to 22110 (optional - above 4 SATA ports can be replaced with 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

1300W 1+1 redundant power supply
80+ Platinum



6 x 40x56mm easy swap fans

Power supply and Server board are included.

REAR VIEW

2 x USB 3.0 Type A



FRONT VIEW

36 x NF1 hot swap drive bays



Rear I/O (per node)	LAN	1 x GbE RJ45 dedicated to BMC management
	USB	2 x USB 3.0 Type A
	VGA	1 x external DB-15 VGA port
	Serial Port	1 x audio jack for COM port
TPM Support	2.0 onboard	
Power Supply	1300W 1+1 redundant power supply 80+ Platinum • AC INPUT : 100~120V,50/60Hz,12A • DC OUTPUT : 900W • AC INPUT : 200~240V,50/60Hz,8A • DC OUTPUT : 1300W	
System Cooling	6 x 40x56mm easy swap fans	
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 : 28 lbs : 61.7
Packaging Dimensions (W x D x H)		mm : 615 x 1145 x 278 inches : 24.2 x 45 x 10.9
	Mounting	Standard 28" tool-less slide rail