SB102-LB



Features :

- 1U 10-Bay storage server with the exceptionally high storage density
- Supports two Intel® Xeon® Processors E5-2600 v3/v4 product family
- With Intel® C612 Series Chipset to provide 5+ years product life cycle
- Onboard Baseboard Management Controller for system management and IPMI control
- Two 10 GbE RJ45 ports
- Front-to-back airflow and hot swap redundant fans to provide optimal thermal conditions
- Customizable to meet your requirements

SPECIFICATIONS

Dimensions (W x D x H) (with chassis ears)	mm : 482.6 x 660 x 44		
	inches : 19 x 26 x 1.7		
Motherboard	AIC Server Board Libra		
Processor	Processor Support	Two Intel® Xeon® Processors E5-2600 v3/v4 product family (recommends 84W)	
	QPI Speeds	9.6 GT/s, 8.0 GT/s, 7.2 GT/s	
	Socket Type	Socket R3 (FCLGA2011-3)	
Chipset Support	Intel® C612 Chipset		
System Memory	• 4 memory channels per CPU socket (2DPC) • 16 DIMM slots support: - 512GB DDR4 2133/1866 RDIMM DRx4 - 128GB DDR4 2133/1866 RDIMM SRx4 - 1024GB DDR4 2133/1866 LRDIMM QRx4 - 2048GB DDR4 2133/1866 LRDIMM 3DS 8Rx4 • Supports NVDIMMs		
Front Panel	• Power on/off • System reset • 1 x USB port		
LEDs	• Power • LAN • Drive		
Drive Bays	External	2.5" hot swap	10 (8 x 12GSAS + 2 x 6G SATA)
Backplane	• 2 x 4-port 12Gb SAS backplane with 1 x SFF-8643 connector • 1 x 2-port 6Gb SAS/SATA backplane with 2 x 7-pin connectors		

Expansion Slots	PCIe 3.0	1 x8 FHHL
Riser Card (included)	RC1-E16/8X	1x PCIe X8
System BIOS	BIOS Type	• Insyde UEFI BIOS • SPI (Serial Peripheral Interface) FLASH Interface
	BIOS Features	• ACPI • PXE • WOL • AC loss recovery • IPMI 2.0 KCS interface • SMBIOS • Serial console redirection • BIOS Boot Specification • BIOS Recovery Mode • SRIOV • PCIe Hotplug • iSCSI • TPM
On-board Devices	SATA	10
	IPMI	Aspeed AST2400 Advanced PCIe Graphics & Remote Management Processor
	Network Controllers	Intel® Ethernet Controller X540-AM2/ I350-AM2, dual ports, PCIe 2.0 (optional)
	Graphics	Aspeed AST2400 Advanced PCIe Graphics & Remote Management Processor • PCIe VGA/2D Controller • 1920x1200@60Hz 32bpp

TOP VIEW

650W 1+1 redundant power supply



REAR VIEW

2 x 10 GbE RJ45



FRONT VIEW

10 x 2.5” hot swap drive bays



Power supply and Server board are included.

Rear I/O	LAN	2 x 10 GbE RJ45 1 x dedicated management RJ45
	USB	2 x USB 3.0
	VGA	1 x DB-15
	Serial Port	1 x DB-9
Power Supply	650W 1+1 redundant power supply (Optional 850W 1+1 redundant power supply)	
System Cooling	5 x 40x56mm dual rotor 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	• Temperature: 0°C - 35°C • Humidity: 5% - 95% non-condensing	
Gross Weight	(w/ PSU & Rail)	kgs : 24
		lbs : 53
Packaging Dimensions	(W x D x H)	mm : 590 x 1050 x 330
		inches : 23.2 x 41.3 x 13
Mounting	Standard	28" tool-less slide rail

Remark: All specifications and photos are subject to change without notice.

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