

# SB201-VG



## Features :

- 2U 24-Bay high density storage server barebone
- Supports two Intel® Xeon® Scalable Processors
- With Intel® Lewisburg C620 series Chipset to provide 5+ years product life cycle
- Onboard Baseboard Management Controller for system management and IPMI control
- Front-to-back airflow and hot swap redundant fans to provide optimal thermal conditions
- Hot-swappable 24 x 2.5" drives
- High-efficiency power supply
- Two 10 GbE SFP+ ports

## SPECIFICATIONS

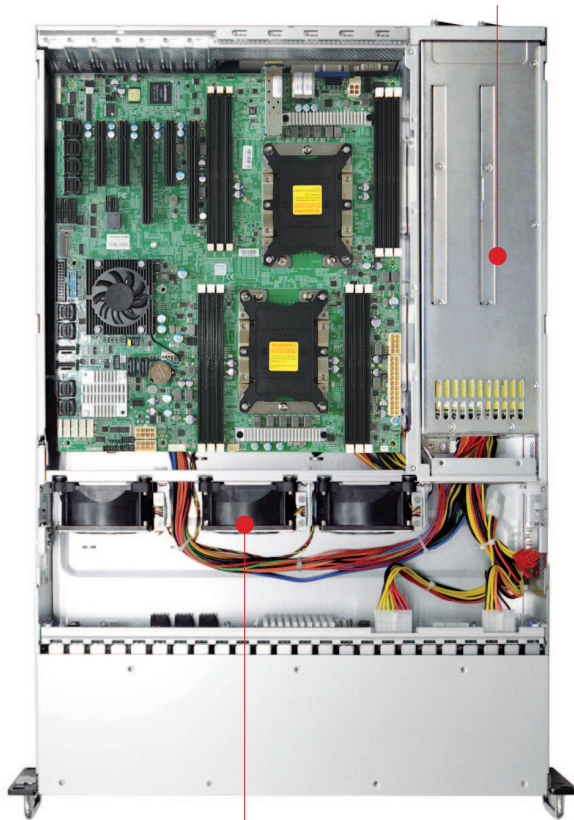
<b>Dimensions</b> (W x D x H) (with chassis ears)	mm : 482.6 x 660 x 88.8	
	inches : 19 x 26 x 3.5	
<b>Motherboard</b>	AIC Server Board Virgo	
<b>Processor</b>	Processor Support	Intel® Xeon® Scalable Processors
	UPI Speeds	9.6 GT/s, 10.4 GT/s
	Socket Type	Socket P0 (LGA-3647 Socket)
<b>Chipset Support</b>	Intel® Lewisburg C620 series Chipset	
<b>System Memory</b>	<ul style="list-style-type: none"> <li>• DDR4 2666 ECC RDIMM</li> <li>• Total 12 memory slots; 6 channel per CPU (1DPC)</li> </ul>	
<b>Expansion Slots</b>	PCIe 3.0	<ul style="list-style-type: none"> <li>• 2 x16 slots / 3 x8 slots</li> <li>• 6 x SFF-8643 each support NVMe PCIe x4</li> <li>• 1 x NGFF (M.2) supports PCIe Gen3 x4 / SATA</li> </ul>
<b>System BIOS</b>	BIOS Type	Insyde BIOS
	BIOS Features	<ul style="list-style-type: none"> <li>• ACP</li> <li>• PXE</li> <li>• WOL</li> <li>• AC loss recovery</li> <li>• SMBIOS</li> <li>• Serial console redirection</li> <li>• BIOS Boot Specification</li> <li>• BIOS Recovery Mode</li> <li>• SRIOV</li> </ul>

<b>On-board Devices</b>	SATA/SAS	<ul style="list-style-type: none"> <li>• Lewisburg PCH on-chip solution</li> <li>• 8 x SATA 6.0 Gb/s (by 2 x mini-SAS) + 2 x SATA 6.0 Gb/s (by 2 x SATA 7 pin)</li> <li>• Broadcom SAS IOC SAS3008 supports up to 8 ports 12S SAS via 2 x SFF-8643 mini-SAS HD (optional)</li> </ul>
	IPMI	Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor <ul style="list-style-type: none"> <li>• Baseboard Management Controller</li> <li>• Intelligent Platform Interface 2.0 (IPMI 2.0)</li> <li>• iKVM, Media Redirection, IPMI over LAN, Serial over LAN</li> <li>• SMASH Support</li> </ul>
	Network Controllers	<ul style="list-style-type: none"> <li>• Intel® PCH (Lewisburg) Integrated 10GbE LAN Controller with dual 10GbE SFP+ + 2 x configurable ports support 10GbE (KR/SFI/XFI) or 1GbE (KX) (option)</li> <li>• Realtek RTL8201EL for BMC dedicate management port</li> </ul>
	Graphics	Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor <ul style="list-style-type: none"> <li>• PCIe VGA/2D Controller</li> <li>• 1920x1200@60Hz 32bpp</li> </ul>



TOP VIEW

800W 1+1 redundant power supply 80+ Platinum



3 x 8038mm easy swap fans

Power supply and Server board are included.

REAR VIEW



FRONT VIEW

24 x 2.5" hot swap drive bays



<b>Rear I/O</b>	LAN	<ul style="list-style-type: none"> <li>• 2 x 10G SFP+</li> <li>• 1 x GbE RJ45 dedicated to BMC management</li> </ul>
	USB	2 x USB 3.0 double-stack Type A
	VGA	1 x external VGA port
	Serial Port	1 x external DB-9 COM port
<b>Power Supply</b>	800W 1+1 redundant power supply 80+ Platinum • 100-240VAC, 47-63 Hz	
<b>System Cooling</b>	3 x 80x38mm easy swap fans	
<b>System Management</b>	<ul style="list-style-type: none"> <li>• IPMI 2.0</li> <li>• KVM over IP</li> <li>• Media redirection</li> <li>• Temperature, fan, voltage, PSU sensor monitor</li> <li>• System temperature</li> <li>• System ID / System fail indicator</li> <li>• Remote power on/off/reset</li> <li>• SEL message alarm through mail</li> <li>• SNMP support</li> <li>• Intel NM</li> <li>• HTML5</li> <li>• Redfish</li> </ul>	

<b>Environmental Specifications</b>	<ul style="list-style-type: none"> <li>• Operating temperature : 0° - 35°C</li> <li>• System relative humidity : 5% - 95% non-condensing</li> </ul>	
<b>Gross Weight</b>	(w/ PSU & Rail)	kgs : 31
		lbs : 68.2
<b>Packaging Dimensions</b>	(W x D x H)	mm : 603 x 883 x 314
		inches : 23.7 x 34.8 x 12.4
<b>Mounting</b>	Standard	28" tool-less slide rail