



# High Performance Computing Server

**BIS-5201**

**26 NVMe SSDs/ 2U**

Intel® Xeon® Processor Scalable Family -Based Server Platform



## Features

- Supports up to (2) GPGPU cards
- Dual Intel® Xeon® Scalable Processors
- (24) RDIMM/LRDIMM ECC DDR4 DIMM slots
- (4) 10GbE SFP+ ports
- (24+2) NVMe SSD or (12) 3.5" HDD
- 80 PLUS Platinum 1300W redundant PSU

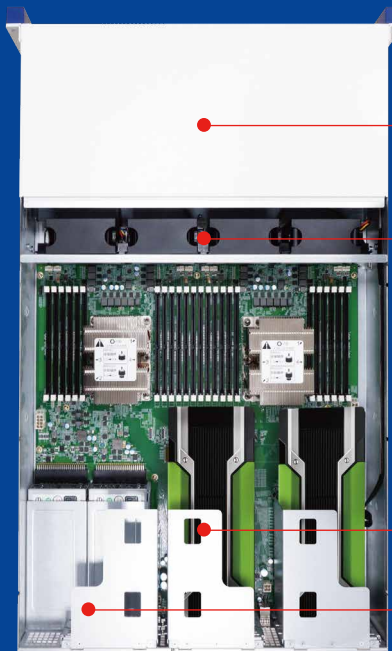
### Front view



### Back view



### Top view



(24+2) NVMe SSD or (12) 3.5" HDD

(4) 8038 High Performance FAN

(2) GPGPU Cards or FHFL Cards  
(2) FHHL Cards  
(2) IFT Carrier Boards (Skylake-F)

(1) FHHL Card

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|                       |                           |  |
|-----------------------|---------------------------|--|
| Chassis               | Form Factor (D x W x H)   | 2U Rackmount, 750 x 439 x 89mm   |
|                       | Motherboard               | 455mm x 425 mm   |
| Processor             | Type                      | Dual LGA 3647 Sockets  |
|                       | ActiveCores/Frequency     | Support Intel® Xeon® Scalable Series   |
|                       | TDP                       | CPU w/TDP up to 205W   |
| Chipset               | PCH                       | Intel C624/ C628   |
| Memory                | Type/Q'ty /Speed          | (24)DDR4 ECC-UDIMM/RDIMM/LRDIMM, 2600  |
|                       | Total Capacity            | Up to 3TB using 128GB DIMMs  |
|                       | Memory channel            | 6 Channels per CPU   |
|                       | Memory voltage            | 1.2V   |
| Storage               | External Drive Bay        | Front:<br>(24) Bays 2.5" NVMe SSD or<br>(12) Bays 3.5" (2.5" compatible) SAS3 12Gb/s   |
|                       | Internal SSD (Optional)   | (2) M.2 NVMe SSD (PCIeG3x4)  |
| Graphic               | Connector type            | D-Sub 15-pin   |
|                       | Resolution                | Up to 1920x1200  |
|                       | Chipset                   | Aspeed AST2500   |
| PCIe Expansion slots  | Type/(Q'ty)               | (2) FHFL PCIe G3x8 slots (w/x16 link)<br>(1) OCP LAN mezz slot (w/x16 link) for NIC Card<br>(8) Oculink (w/x4 link)  |
|                       | Indicator & I/O ports     | Power Button (1) Power Button<br>Reset Button (1) Reset Button<br>ID LED (1) ID LED, Blue<br>System Fault LED (1) Fault LED, Red<br>VGA (1) Standard D-Sub<br>USB (2) USB3.0<br>ID LED (1) ID LED, Blue<br>LAN (on Mezz. card) 10GBASE-T 2ports/10Gbe 2ports/25Gbe 2ports<br>LAN (on M/B) (4) 10GbE SFP+<br>(1) 1GBASE-T port dedicated for IPMI<br>USB (3) USB2.0 |
| PSU                   | Input Range/Frequency     | 100 - 140V AC/10.8A / 200-240V AC/10.8A /50~60Hz   |
|                       | Output Watts/Efficiency   | 80 PLUS Platinum 1300W redundant PSU   |
|                       | Redundancy                | 1+1  |
| FAN                   | Type/Speed/Q'ty           | (4)8038 High Performance System FAN  |
| RoHS                  | RoHS 6/6 Compliant        | Yes  |
| Regulation            | FCC (DoC)                 | Class A  |
|                       | CE (DoC)                  | Yes  |
| Operating Environment | Operating Temp.           | 10° C ~ 35° C  |
|                       | Non-operating Temp.       | -40° C ~ 70° C   |
| Package Contains      | In/Non-operating Humidity | 10% - 85%, non-condensing  |
|                       | Motherboard               | (1) ZIS-5201 Motherboard   |
|                       | Manual                    | (1) Web User's manual / (1) Quick Installation Guide   |