

## 4U Rackmount Whitley Platform Server System, Support Intel 3rd Gen. Xeon® Scalable Ice Lake-SP CPU



### Features

- 4U Rackmount Server System
- Single Intel® 3rd Gen. Xeon® Scalable Ice Lake-SP CPU
- Intel® Communications Chipset C621A
- DDR4 2666 MHz R-DIMM Slot x 6
- IPMI Support, optional
- 8 x 3.5" SATA HDD or 2.5" SATA HDD x 8, M.2 2280 M key socket x 1
- Rear side PCIe 3.0 [x16] x 3, PCIe 3.0 [x4] use PCIe [x8] slot x 3, PCIe 3.0 [x8] x 1
- 800~1600W mini redundant or CRPS PSU



RTC	Internal RTC
System Fan	3 x middle fans default; 2 x rear fans, optional
Front I/O Panel	Power LED x 1, Status LED x 1, HDD Active LED x 1
Rear I/O Panel	AC Power Input x 1, Power Switch button x 1, USB 3.0 x 6, 1Gb RJ45 LAN x 2, AUDIO in and out x 1, VGA x 1, Rear Expansion Slots x 7
Color	Black
Power Supply	800 mini redundant PSU; 1600W CRPS PSU, optional
Dimension	596.0 (D) x 430.4 (W) x 174.8 (H) mm
Power Consumption	—
MTBF (Hours)	—
<b>Display</b>	
Chipset	SM750
Graphic Engine	—
Resolution	1920x1080 (WIN Server 2019); 800x600 (CentOS 7.3)
Connector	VGA
<b>I/O</b>	
Serial Port	COM x 1
K/B and Mouse	—
USB	USB 3.0 x 6
<b>Environmental</b>	
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Operating Humidity	10% ~ 80% relative humidity, non-condensing
Storage Humidity	10% ~ 80% @40°C; non-condensing
Vibration	0.5 g rms/ 5 ~ 500Hz / operation (2.5" Hard Disk Drive) 1.5 g rms/ 5 ~ 500Hz / non operation
Shock	10 G peak acceleration (11 m sec. duration), operation 20 G peak acceleration (11 m sec. duration), non operation

### Specifications

<b>System</b>	
Form Factor	4U Rackmount Server System
Processor	Single Intel® Xeon® Processor Ice Lake-SP processor, supports up to 270W
System Memory	DDR4 2666MHz R-DIMM Slot x 6, supports up to 192GB (32GB per DIMM)
Chipset	Intel®C621A
Ethernet	Intel® i210 Gigabit Ethernet x 2
BIOS	AMI BIOS
Serial ATA	SATA III port x 8
Storage	2.5" HDD x 8 or 3.5" HDD x 8, M.2 2280 M key socket x 1
Expansion Interface	PCIe 1: 1 x PCIe x16 (Gen4 x16) slot PCIe 2: 1 x PCIe x8 (Gen3 x4) slot PCIe 3: 1 x PCIe x16 (Gen4 x16) slot PCIe 4: 1 x PCIe x8 (Gen4 x4) slot PCIe 5: 1 x PCIe x16 (Gen4 x16) slot PCIe 6: 1 x PCIe x8 (Gen3 x4) slot PCIe 7: 1 x PCIe x8 (Gen4 x8) slot
Watchdog Timer	1~255 steps by software programmable

### Packing List

- TBD

### Ordering Information

- TBD

### Optional Accessories

- TBD