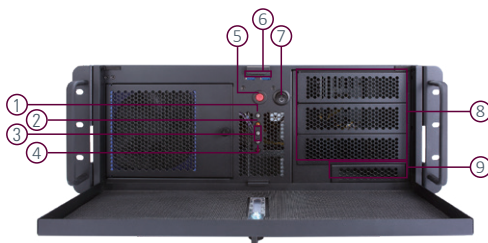


iHPC300

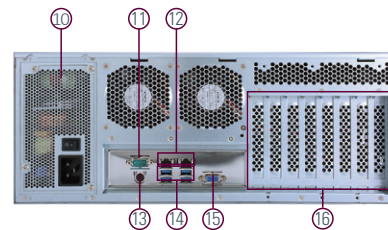
4U Rackmount GPU Workstation with 3rd Gen Intel® Xeon® Scalable Processor and Multiple Accelerator Cards



▲ Side view



▲ Front view



▲ Rear view

- | | |
|----------------------------|---------------------------------|
| 1. Power LED | 9. 1 x 3.5" HDD drive bay |
| 2. HDD LED | 10. 1200W or 2000W power supply |
| 3. LAN activity LED | 11. COM port |
| 4. Programmable LED | 12. 2 x LAN |
| 5. System reset | 13. PS/2 Combo Port |
| 6. 2 x USB 3.1 Gen 1 | 14. 4 x USB 3.1 Gen 1 |
| 7. Power switch | 15. VGA |
| 8. 3 x 5.25" HDD drive bay | 16. Expansion slots |



USB 3.1



DDR4



Multi-GPU Cards

Features

- LGA4189 socket Intel® Xeon® Scalable processor, up to 270W, 40 cores
- Six DDR4-3200 R-DIMM ECC memory, up to 384GB
- 3 PCIe x16 and 3 PCIe x8, supporting up to 6 accelerator cards
- Supports M.2 Key M 2280
- TPM 2.0 supported (optional)

Specifications

CPU	LGA4189 socket Intel® Xeon® Scalable CPU up to 270W, 40 cores (code name: Ice Lake-SP)
System Memory	6 x DDR4-3200 R-DIMM ECC memory, up to 384GB
Chipset	Intel® C621A
BIOS	AMI BIOS
Drive Capacity	Exposed: 3 x 5.25" HDD drive bay and 1 x 3.5" HDD drive bay Internal: 3 x 3.5" HDD drive bay or 2 x 3.5" or 1 x 2.5"
Cooling	1 x 12 cm PWM front fan
Watchdog Timer	255 levels, 1 to 255 sec.

Specifications

Expansion Interface	Slot1: PCIe x8 Slot2: PCIe x16 (Gen 4) Slot3: M.2 key M 2280 (signal: x4) Slot4: PCIe x16 (Gen 4) Slot5: PCIe x8 slot (signal: x0 or x8) Slot6: PCIe x16 (signal: x16 or x8) Slot7: PCIe x8
Rear I/O	1 x RS-232/422/485 1 x PS/2 keyboard and mouse
Storage	6 x SATA 3.0 with RAID 0/1/5/10 1 x NVMe M.2 M Key 2280 (PCIe x4)
Ethernet	2 x 10/100/1000Mbps LAN port with Intel® I210-AT
USB	4 x USB 3.1 Gen 1 (rear I/O) 2 x USB 3.1 Gen 1 (internal box header) 6 x USB 2.0 (internal box header) 1 x USB 2.0 (180D TypeA)
Audio	HD Codec audio as MIC-in/Line-in/Line-out/Speaker-out with audio kit AX93242 (optional)
SMBus	System management bus for advanced monitoring/control
Front Panel	Indicator 1 x power LED 1 x HDD LED 2 x LAN activity LED 1 x programmable LED
	Control 1 x power switch 1 x system reset
	Connector 2 x USB 3.1 Gen 1
Power Supply Type	• 1200W AC input voltage: 100 to 240V • 2000W AC input voltage: 200 to 240V
Graphic	AST2510
Memory Size	N/A
Display Interface	1 x VGA
Operation Temperature	0°C to +40°C (+32°F to +104°F)
Storage Temperature	-20°C to +60°C (-4°F to +140°F)
Relative Humidity	10% to 95% relative humidity, non-condensing
OS Support	Windows® Server 2019 Linux: Ubuntu 20.04
Dimensions (W x D x H)	430 x 174.8 x 515 mm (16.9" x 6.9" x 20.3")
Weight (net/gross)	17.15 kg (37.8 lbs)/21.78 kg (48 lbs)
Certification	CE/FCC

*Please refer to the user's manual for the system CPU support list and the system operating temperature list.

Ordering Information

System

iHPC300-C621A-BA (P/N: E26W300100)	4U rackmount GPU workstation with Intel® Xeon® Scalable processor, 1200W, and 3 PCIe x16
iHPC300-C621A-BB (P/N: E26W300101)	4U rackmount GPU workstation with Intel® Xeon® Scalable processor, 2000W, and 3 PCIe x16

Optional Accessory

5938A808020E	2 x USB 2.0 cable with bracket, P=2.54 mm, L=400 mm
5948C122800E	2 x USB 3.1 Gen1 cable with bracket, L=400 mm
E393242100	AX93242-RC HD audio converter kit
83935151000E	TPM 2.0 module (AX93515)
594G5208010E	SATA 3.0 cable 180D with B. sleeve L50 cm x1
713WFB30000E	LGA-4189 CPU cooler for iHPC300 (support up to 270W TDP)

* Specifications and certifications may vary based on different requirements.

Dimensions

