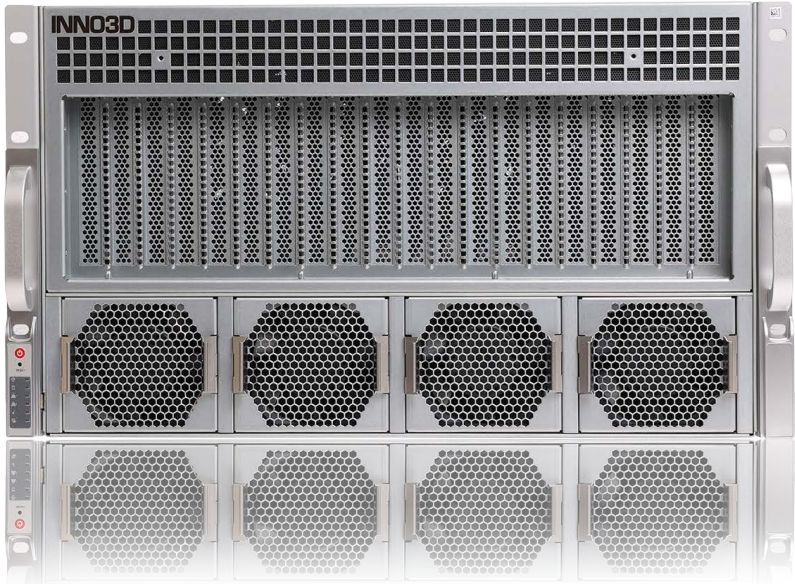# INNO3D®

6U FORM FACTOR   **8X** GPU SUPPORT   **2X** LGA 4677 CPU

AGS-6220V2
6U Dual Intel CPU Rack Mount GPU Server (barebone)

REFERENCE NUMBERS

- Barebone Package: AGS-6220V2

CONFIGURATION

- **2x INTEL 6530 XEON PROCESSORS**
- **32x DDR5 64G MEMORY**
- **2x 480G SATA + 1x 3.84T NVME**
- **8x PCIe 5.0 GPU CARD SUPPORT**
- **1x 25G DUAL NETWORK PORT**
- **3+1 2000W POWER SUPPLY**

intel
XEON

APPLICATIONS

- Transfer AI Training
- AI Fine Tuning
- LLM Training & Inference
- AI Cloud
- GPU Accelerated HPC

DIMENSIONS (L x W x H)	850mm x 438mm x 264mm
MOTHERBOARD	LGA 4677 - CEB Form Factor 12 inch x 10.5 inch (30.5 cm x 26.67 cm)
CPU	5th and 4th Generation Intel® Xeon® Scalable Processors Intel® Xeon® Platinum / Gold / Silver Processor support up to 350W TDP
SOCKET	2 x LGA 4677 (Socket E)
CHIPSET	Intel C741
MEMORY	32 x DDR5 RDIMM / RDIMM-3DS DDR5 slots RDIMM modules (up to 96GB) RDIMM-3DS modules (up to 256GB) 8-Channel per processor - 16 x DIMMs 1.1V modules, 4800MHz/4400MHz memory speed 5th Gen Intel® Xeon: 5600 MT/s (1DPC) / 4400MT/s (2DPC) 4th Gen Intel® Xeon: 4800 MT/s (1DPC) / 4400MT/s (2DPC)
LAN	25G ocp network card 1 x Dedicated management port (BMC)
STORAGE	support 6 x 2.5 inch SATA-3 6Gbps HDD /NVME/ SSD ports 1x M.2 NVMe port (2280/22110, M-key) -Internal
RAID	Intel® SATA RAID 0/1/10/5 (Software RAID)
EXPANSION SLOTS	8 x PCIe 5.0 x16 slots (Full Height Triple width slot) + 2x PCIe 5.0 x16 slots
I/O	1 x UID button with LED 1 x System Reset Button 6 x 2.5 or 3.5inch SATA-3 6Gbps HDD /NVME/ SSD ports 2 x USB 3.2 Gen1 (USB Type A) 1 x VGA (DB15) 1 x IPMI Dedicated management port (RJ45 MLAN) 2 x HDD / System Fault LEDs
TPM	1 x TPM header with SPI interface Optional TPM 2.0 Module
POWER SUPPLY	3+1 2000W Platinum redundant power supply
OS COMPATIBILITY	Windows Server 2022 / 2019 (x64) Red Hat Enterprise Linux 9.2 / 9.1 / 9.0 / 8.7 / 8.6 (x64) SUSE Linux Enterprise Server 15SP4 (x64) Ubuntu 22.04.3 / 22.04.2 / 22.04.1 / 22.04 LTS (x64) VMware ESXi 8.0 Update 1 / 7.0 Update 3i Citrix Hypervisor 8.2 LTSR CU1
SYSTEM COOLING	4x hot plug fans -Front 8x hot plug fans -Rear
OPERATING PROPERTIES	Operating temperature: 10°C to 35°C Operating humidity: 8%-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 10%-95% (non-condensing)