



6U

FORM FACTOR



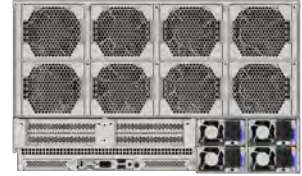
8X

GPU
SUPPORT



2X

LGA 4677
CPU



AGS-6220V2P2-B00

6U Dual Intel CPU Rack Mount GPU Server (barebone)

REFERENCE NUMBERS

- SKU# AGS-6220V2P2-B00
- ITEM# OK219-B001

CONFIGURATION

- **2x INTEL® XEON PROCESSORS SUPPORT**
- **32x DDR5 MEMORY SLOTS**
- **12x 3.5/2.5-INCH DRIVE BAYS (8x SATA + 4x NVMe) + 1x M.2 NVMe SLOT**
- **8x PCIe 5.0 GPU CARD SUPPORT**
- **OCN NETWORK MODULE SLOT READY**
- **3+1 2700W POWER SUPPLY**

APPLICATIONS

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



DIMENSIONS (L x W x H)	900mm x 438mm x 264mm
MOTHERBOARD	LGA 4677 - Proprietary Form Factor
CPU#	Support 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	1 x OCP network card slot 1 x Dedicated management port (BMC)
STORAGE#	8 x 3.5/2.5-inch SATA-3 6Gbps HDD/SSD ports + 4 x NVMe Drive Bays 1x M.2 NVMe port (2280/22110, M-key) -Internal
RAID	Intel® SATA RAID 0/1/10/5
EXPANSION SLOTS	8 x PCIe 5.0 x16 slots (Full Height Double Width slot) (* Direct CPU drive without PCIe switch)
I/O	4 x (3+1) 2700W Platinum redundant power supply unit 1 x UID button with LED 1 x System Reset Button 12 x 2.5/3.5inch SATA-3 6Gbps (8x SATA HDD / SSD + 4x NVMe 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) 2700W Platinum redundant power supply unit
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	8x hot plug fans -Internal 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)

PACKAGE CONTENTS:	1 x 6U GPU Server barebone chassis with Motherboard (pre-installed) 1 x 25Gbps OCP Network module (pre-installed) 1 x Intel® VROC RAID key (pre-installed) 4 x 2700W CRPS redundant power supply unit (pre-installed) 2 x CPU Heat Sink with CPU mount (E1A) 1 x Server rail kit for rack mount 4 x C19 to C20 Power cord adapter
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This barebone system is supplied without CPU, memory modules, and storage devices.

DISCLAIMER

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