

1S Deskside AI server supporting multiple GPU cards



Let Hyperscalers meet your bespoke requirements

Start customizing your WS2 | **B5652F65TV6E2H-2T-N today!**

- 4U Eaglestream Server
- 1S Intel Emerald Rapids / Sapphire Rapids CPU
- 8 DIMM slots with DDR5-4800 memory support
- 4 FH/FL double-wide PCIe 5.0 x16 slots
- 6 3.5" SATA + 2 NVMe U.2 hot-swap, tool-less drive bays
- 1 NVMe M.2 2280 slot (PCIe 3.0 x4)
- 2 10GBase-T LAN + 1 1000Base-T LAN + 1 dedicate 1000Base-T IPMI ports
- Single ATX12V PSU

About Hyperscalers











Full US





Metro Delivery 1-4 **Davs**



Applications

High-Performance Computing (HPC):

- Scientific Research: Suitable for simulations, modeling, and research applications requiring significant compute resources.
- Engineering Applications: Supports applications in CAD, CAE, and CAM due to its powerful computational capabilities.

Artificial Intelligence (AI) and Machine Learning:

- Training and Inference: Ideal for AI workloads, including model training and inference, with support for up to 4 high-performance GPU cards.
- Data Processing: Capable of processing large datasets quickly and efficiently, crucial for machine learning models.

Professional Workstations:

- Content Creation: Excellent for video editing, 3D rendering, and other content creation tasks that require robust computing power.
- **Software Development:** Supports complex software environments and applications, providing the necessary resources for coding, compiling, and testing.

Enterprise Applications:

- Database Management: Suitable for running enterprise-grade database applications with its robust storage and processing capabilities.
- File Servers: Acts as a reliable and high-capacity file server for enterprises, supporting large user bases and extensive file storage needs.

Virtualization:

- VM Hosting: Supports the deployment of numerous virtual machines with ample storage and memory capacity.
- Storage for VMs: Provides high-performance storage options to ensure virtual machines run smoothly and efficiently.

Media and Entertainment:

- Media Production: Offers the storage and computational power needed for media production, including video, audio, and image files.
- Content Management: Supports media content management systems with efficient storage and retrieval capabilities.

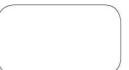




WS2 | B5652F65TV6E2H-2T-N Specifications

| Processor | CPU: 4th/5th Gen. Intel Xeon Scalable Processors Max. TDP Support: 350W | System Cooling Configuration | Fan: (2) 8038 exhausted fans module at rear / (3) 12cm fans Air Duct: Tailored Air Duct | |
|-----------------------|--|---|---|-----------------------------------|
| Chassis Model | FT65T | | Туре: | ATX |
| Form Factor | 4U | Supply | Input Range: AC 100~240V/15~12A Frequency: 50/60 Hz Output Watts: 1,200 Watts (100- 115Vac input) / 1,500 Watts (115-200Vac input) / 2,000 Watts (200-240Vac) | 50/60 Hz |
| Dimensions | W x H x D (inch): 25.59" x 17.245" x 6.93" W x H x D (mm): 650 x 438 x 176 | | | |
| Socket | (1) LGA4677 | | Efficiency: 80 plus Gold (200- 240Vac) / 80 plus Platinum (100-200Vac) Redundancy: N/A | |
| Chipset | Intel C741 | | | |
| Memory | Supported DIMM Qty: (8) DIMM slots DIMM Type / Speed: RDIMM / RDIMM-3DS DDR5 4800 MHz (1DPC)/ 4400MHz (2DPC) - 4th Gen. / RDIMM / RDIMM-3DS DDR5 5600 MHz (1DPC) / 4400MHz (2DPC) - 5th Gen. Capacity: Up to 1,024GB RDIMM/ 2,048GB 3DS RDIMM DDR5 5600/4800/4400 /*Follow latest Intel DDR5 Memory POR Memory channel: 8 Channels per CPU Memory voltage: 1.1V | LAN | Q'ty / Port: (2) 10GbE ports + (1) GbE port + (1) GbE dedicated for IPMI Controller: Intel I210 / Intel X550 PHY: Realtek RTL8211F | |
| | | _ | Connector (M.2): (1) 2280 (by PCIe 3.0 x4) Connector (U.2): (1) MCIO x8 | |
| | memory voltage. 1.1v | Graphic | Connector type: | D-Sub 15-pin |
| Motherboar | d S5652AGM3NRE-2T | | Resolution: Chipset: | Up to 1920x1200 Aspeed AST2600 |
| Board Dimension | CEB, 12"x10.5" (305x267mm) | I/O Ports | USB: (2) USB2.0 ports (@ rear) / (2) | |
| Front Panel | Buttons: (1) UID / (1) PWR w/ LED / (1) RST | USB3.2 Gen.1 ports (@ rear) COM: (1) DB-9 COM port | | |
| | LEDs: (1) HDD / (1) ID / (1) System Event / (2) LAN activity | | COM. (1) DB-9 COM POIL | |
| | I/O Ports: (2) USB 2.0 ports / (1) USB 3.2 Gen.1 port / (1) COM Port / (1) LAN Port (IPMI) / (1) VGA port / (1) Line in / Line out / MIC | SATA | Connector: Controller: Speed: | (6) SATA Intel C741 6Gb/s |
| Expansion Slot | (1) PCIe Gen 5 x8 slot / (4) PCIe Gen 5 x16 slots | | RAID: | RAID 0/1/10/5 |
| External Drive Bay | Q'ty / Type: (2) 2.5" Hot-Swap NVMe HDD/SSDs / (6) 3.5"/2.5" Hot-Swap SSD/HDD Front Drive Bay Interface: (2) SATA 6Gb/s / NVMe / (6) SATA 6Gb/s / SAS 12Gb/s Front Drive Backplane Support: SAS 12Gb/s /SATA 6Gb/s /NVMe Notification: The SAS/SATA HDD backplane is connected to onboard SATA connection by default. Please contact technical support if a discrete SAS HBA/RAID adapter is required. | | | |

Authorised Hyperscalers Partner



About Hyperscalers

Hyperscalers is the world's first open Original Equipment Manufacturer offering proprietary-free alterative to traditional Tier 1 OEM vendors.

Hereto to solve Information technology's complexity, Hyperscalers developed the IP Appliance Design Process. Which is basically a process along with a utility, being the Appliance Optimizer Utility, which together, assists service providers 'productize' delivery of their Digital-IP.

Technology Partners















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