

## WS2 Workstation | B5652F65TV6E2H-2T-N

Let Hyperscalers meet your  
bespoke requirements

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



### 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 development 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.



### About Hyperscalers



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100%  
Channel  
Distributor



Metro  
Delivery 1-4  
Days

# WS2 | B5652F65TV6E2H-2T-N Specifications

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

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## About Hyperscalers

Hyperscalers is the world's first open Original Equipment Manufacturer offering proprietary-free alternative 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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