Choose Hitachi Advanced Server DS225 (see Figure 1) to ensure you have the flexibility and performance you need to support your business-critical enterprise applications.

**Capacity and Performance**

Hitachi Advanced Server DS225 delivers unparalleled compute density and efficiency to meet the needs of your most demanding high-performance applications in the data center. DS225 takes full advantage of the ground-breaking Intel Xeon Scalable Processor family to make these capabilities possible (see Table 1). By combining the Intel processors with up to four dual-width 300W graphic accelerator cards and up to 3TB memory capacity in a 2U rack space package, this server stands ready to address the most challenging demands on today’s IT infrastructure.

**GPU and I/O Expansion**

Optimize throughput, capacity and I/O performance of the DS225 to support a wide range of enterprise applications. Up to four dual-width 300W graphics processing unit (GPU) cards, along with additional PCIe 3.0 expansion slots, allow the DS225 server to be flexibly configured.

**Flexible, High-Capacity Storage**

Front-side accessible storage bays in DS225 support up to eight hot-pluggable, serial-attached SCSI (SAS), or serial-ATA (SATA) devices. These bays also support flexible configuration, which allows the server to deliver both high I/O performance and high capacity.

**Enterprise-Class Features**

The DS225 server provides the reliability, availability and serviceability (RAS) features demanded by your business-critical enterprise applications. The server’s modular design simplifies cable routing and reduces service time. Redundant, hot-swap drives and power supplies provide a resilient architecture for important applications, and dual-rotor hot-swap fans help ensure continuous operation.

**Embedded Server Management**

Manage DS225 remotely and independently via an integrated baseboard management controller. A dedicated interface facilitates secure remote access through a LAN connection and provides a powerful, easy-to-use Web console interface for remote initialization, management and configuration.

**Next Steps**

To learn how you can speed enterprise deployment and simplify operations with our converged systems, including Hitachi Unified Compute Platform, visit our web page or contact your Hitachi Vantara representative.
| **Processor** | **Processor type:** Intel Xeon Scalable Processor  
Max. thermal design power (TDP) support: 205W  
Number of processors: 2  
Internal interconnect: 9.6 or 10.4 gigatransfers per second (GT/s) |
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<td><strong>Form Factor</strong></td>
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| **Dimensions** | W x H x D (inch): 17.3 x 3.4 x 31.4  
W x H x D (mm): 440 x 87.5 x 797.9 |
| **Chipset** | Intel C624 |
| **Internal Storage** | Front storage: (12) 3.5" or 2.5" hot-plug SATA or SAS |
| **Memory** | Total slots: 24  
Capacity: up to 3TB (128G x 24) of memory for RDIMM or LRDIMM  
Memory type: 2666 MHz DDR4 RDIMM  
Memory size: 64GB, 32GB RDIMM |
| **Expansion Slot** | 4 PCIe Gen3 x 16 GPU slot  
2 PCIe Gen3 x 8 LP MD-2 or 1 PCIe Gen3 x 16 LP-MD2 |
| **Network Controller** | LAN on motherboard (LOM): Dedicated 1 gigabit Ethernet (GbE) management port  
Optional network interface card (NIC): Intel X527-DA2 10G SFP+ dual-port OCP PHY mezzanine, Intel X557-T4 10GBASE-T quad-port OCP PHY mezzanine |
| **Front I/O** | 2 USB 3.0 ports  
Power, ID and reset buttons  
Power, ID and status LEDs  
1 video graphics adapter (VGA) port |
| **Storage Controller (onboard)** | Intel C624  
14 x SATA 6Gb/s ports  
SATA RAID-0, RAID-1, RAID-1+0 |
| **Power Supply** | 1+1 high-efficiency, redundant hot-plug 80 Plus Platinum 2200W power supply unit (PSU) |
| **Fan** | 6 dual-rotor fans (11+1 redundant) |
| **Video** | Integrated ASPEED AST2500 8MB DDR4 video memory |
| **System Management** | Baseboard management controller  
IPMI v2.0 compliant, onboard "KVM over IP" support |
| **Rear I/O** | 2 USB 3.0 ports  
1 VGA port  
1 RS232 serial port  
1 GbE RJ45 management port  
1 ID LED  
1 MicroSD slot |
| **Operating Environment** | Operating temperature: 5 to 35°C  
Nonoperating temperature: -40°C to 70°C  
Operating relative humidity: 20% to 85%  
Nonoperating relative humidity: 10% to 95% |
| **Trusted Platform Module (TPM)** | TPM 2.0 module (option) |
| **Weight (max. configuration)** | 35KG |