

DCS-R26I2

Support 6th Gen Intel® Xeon® Processors (Birch Stream-SP)



Powerful performance, ultra-high storage

Supports 2 × Intel® Xeon® 6700/6500 Series Processors with P-cores or 6700 Series Processors with E-cores, up to 144 cores each.

- Supports 32x DDR5 memories with a maximum frequency of 8.000MT/s 42% increase in memory bandwidth compared with the previous generation.
- Supports PCIe 5.0, the scalability of the system has been greatly improved.

Flexible configuration

- The decoupling design of hardware module , the flexible configuration of computing, storage and network to meet different business requirements.
- Support 3.5" or 2.5" E3.S drives, up to 24 × U.2 NVMe, up to 32 × E3.S NVMe
- Supports maximum 12 PCIe 5.0 slots.
- Supports 2 × OCP3.0 (front & rear).

Stable and reliable intelligent management

- The key components of the system adopt redundant and hot-swappable design, and support tool-free disassembly and assembly to improve the efficiency of maintenance and improve the availability of the system
- Integrated intelligent management chip, providing an open management platform, supporting IPMI2.0, Redfish, SNMP and other management protocols
- Supports various management functions such as KVM, virtual media, key component status monitoring, abnormal alarm, and realizes comprehensive remote system-level intelligent management.

DCS-R26I2 is a high-end general-purpose server with a wide range of uses, it has achieved a comprehensive breakthrough in computing, storage and network. Adopting modular design mode, it supports rich specification selection and strong expansion ability. DCS-R26I2 can be widely used in cloud computing, virtualization, database, big data, artificial intelligence and other applications.

- Virtualization :
- Big Data :
- Storage-centric applications :
- Customer Relationship Management (CRM) :
- Enterprise Resource Planning (ERP) :
- Virtual Desktop Infrastructure (VDI) :
- Data warehouse/analysis
- High performance computing and deep learning
- Cloud games and video processing



25 x 2.5" Hot-swap drive bays

DCS-R26I2

Specifications

CPU	Supports 2 × Intel® Xeon® 6700/6500 series processors with P-cores or 6700 series processors with E-cores, up to 144 cores and TDP 350W each Supports 6700P, 6500P, 6700E series CPUs
Chipset	Intel®C741
DIMM	Supports 32 × DDR5 DIMMs (RDIMM/3DS RDIMM), 2DPC, with a maximum speed of 6400MT/s. Supports MRIMM DIMMs (6700P, 6500P series CPUs only), up to 8000MT/s
Storage	12Gb/s SAS HBA or RAID card option 1 × M.2 SATA switch card with 2 × SATA3.0 option, support RAID 1 Front: Up to 12 × 3.5" or 25 × 2.5"HDDs; Up to 24 × U.2 NVMe SSD or 32 × E3.S NVMe SSDs Rear: Up to 4 × 2.5" HDDs Internal: 2 × M.2 (PCIe 5.0 x4, 2280&22110)
PCIe slots	Front: 2 × PCIe 5.0 standard slots option; 1 × OCP3.0 network card option, PCIe5.0 ×8 or ×16 option, with NCSI Rear: Up to 10 × PCIe 5.0 standard slots option 1 × OCP3.0 network card option, PCIe5.0 ×8 or ×16 option, with NCSI
GPU	Up to 3 × FHFLDW or 6 × FHFLSW or 8 × HHHLSW GPU
Network	1 × 1GbE IPMI RJ45 Support 2 × OCP3.0 (front & rear), 4×1GbE / 2×10Gb SFP+ / 4×10Gb SFP+ / 2×25Gb SFP28 option
Management	Integrated BMC management chip (AST2600) Support IPMI 2.0, Redfish, SOL, KVM, Virtual media, etc. Support 1 × 1Gbps IPMI RJ45, LCD management module option
Security	Support lockable cover, TPM/TCM 2.0 security module, open chassis detection
I/O Ports	Front: 1 × VGA, 2 × USB3.0 Rear: 1 × VGA, 2 × USB3.0, 1 × IPMI RJ45, 1 × COM
System Cooling	4 × hot-swappable fan modules for N + 1 redundancy, support PID intelligent speed regulation and abnormal alarm
Power Supply	2 × Power Modules, support 1+1 redundancy, hot-swappable 800W/1300W/2000W/2700W Platinum or Titanium power module option
Environment	Operating temperature: 5°C - 35°C; Storage temperature: -40°C - 75°C; Relative humidity: 8% - 90%
Dimensions	2U standard rack server - W 436mm × H 87mm × D 763mm (783mm with ear bezels)
BIOS	BIOS in Flash Memory non-volatile and electrically reprogrammable memory, with UEFI technology. It complies with S.M.A.R.T and NIST SP800-147B standards. The BIOS includes server-related information such as the equipment's serial number and have editable fields for custom information input, like identification (Asset Tag)
Graphic -VGA	Aspeed AST2600 support 1920X1200@60Hz. https://www.aspeedtech.com/server_Aspeed/
Operating system support	Microsoft Windows Server, Microsoft Hyper-V Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu, Oracle Linux, VMware ESXi, Citrix XenServer