J322-S

High Performance 5th Gen Intel® Xeon® Dual Socket 2U Rackmount

Tackle your most demanding storage requirements with a versatile server platform offering NVMe, SAS, and SATA drives for hot pluggable hybrid storage. This 2U dual socket server brings you flexibility, scalability, and reliable performance to support a variety of applications.
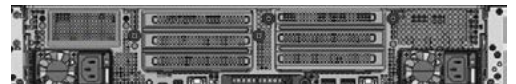
REMARKABLE PERFORMANCE

Featuring flexible storage capacity, processing power, and PCIe Gen5 and DDR5 memory, this server maximizes data center performance and efficiency and is ideal for high-performance, solution-based computing.

- NVMe SSDs offer high-speed, reduced latency and increased IOPs to unlock the full performance capabilities of today's processors.
- SAS 4 (24G) and/or NVMe PCIe Gen5 (32GT/s) interfaces increases data throughput over the previous generation.
- 5th Generation Intel® Xeon® Scalable processor micro architecture offers superb power efficiency, impressive graphics performance, data integrity protection, and proven reliability for evolving customer expectations. This means better response time for more applications running simultaneously with increased total performance.

VERSATILE EXPANDABILITY

The J322-S server combines different configurations of NVMe, SAS, or SATA drive slots to expand with your needs, and offers:

- Up to 24x small form factor (SFF) front drives
- 2x internal M.2 NVMe slots
- Up to 6x PCIe Gen5 add-in card slots and an OCP 3.0 PCIe Gen5 slot for OCP type NIC/storage allows for a wide array of network and storage controller connectivity into the server to fit your application needs.
- Scalability up to 32x DDR5 DIMM slots enables you to increase server memory and speed for growing application demands.

FEATURES

- Scalable for high-performance or cost savings
- Power redundancy for failure-free operation
- Increased memory capacity and speed
- Security options safeguarding platform integrity

- Toolless chassis
- Hot pluggable NVMe/SAS/SATA drives
- Improved performance with SAS 4 and Gen5 PCIe/NVMe
- Redfish API support

Contact your Jabil Sales Representative for more information.

SPECIFICATIONS

CHASSIS

Form Factor	2U Rackmount
Model	J322-S (SFF)

DIMENSIONS

W x H x L	• 447.4mm x 87.1mm x 787.4mm • 17.61" x 3.42" x 31"
Weight	• L6: Approx. 17kg (37.47lbs) • L10: Approx. 30kg (66lbs)

PROCESSOR

CPU	• 2x 5th Generation Intel® Xeon® • Scalable processors • Supports CPU TDP up to 385W • Up to 3 UPI

SYSTEM MEMORY

Memory Capacity	Up to 32x DDR5 slots: 8 channels/16 slots per channel
Memory Type	Up to DDR5-5600 ECC RDIMM, up to 8TB max memory

ON-BOARD DEVICES

Chipset	Intel® C741 Chipset
BMC	• ASPEED AST2600 • IPMI 2.0 with virtual media over LAN, and KVM-over-LAN support • Redfish supported
Network Controllers	• 1x host 1GbE RJ45 • 1x dedicated BMC 1GbE RJ45
RAID	• VROC 8.0 NVMe RAID support • PCIe add-in card NVMe/SAS/SATA support
Security	• Trusted Platform Module (TPM) • Intel® PFR 3.0 2.0 • Intrusion Detection kit (optional)

ADDITIONAL I/O

Rear USB	• 2x USB 3.0 • 1x USB-C (BMC-UART)
Rear Additional	• UID Button/LED • 1x Mini DisplayPort

FRONT I/O

Buttons	• Power Off/On • UID
LEDs	• UID • Power Status • System Health • Network Activity • Power Fault
USB	• 1x USB 3.0 • 1x USB 2.0

EXPANSION SLOTS

Expansion Slots	• 6x toolless PCI card expansion slots • 4 FHFL • 2 HHHL • 1x OCP NIC 3.0 slot
PCIe Electrical	• 3x PCIe riser connectors with x16 Gen5 for rear I/O • 1x OCP NIC 3.0 PCIe w/x16 Gen5 • 2x MCIO cable CNs w/x16 PCIe Gen5 each for front storage or rear I/O • 8x MCIO cable CNs w/x8 PCIe Gen5 each for front storage or rear I/O

DRIVE OPTIONS

Toolless Hot Swap Drives	Up to 24x 2.5" SFF 24G SAS/6G SATA/PCIe Gen5 NVMe hybrid
Boot Drives	2x M.2 NVMe

SYSTEM COOLING

Fans	N+1 fan redundancy, 6x toolless, 6056 dual rotor

POWER SUPPLY

1600W/2000W Titanium and Platinum level CRPS 1+1 Redundant hot swappable, toolless PSUs

Input	• 1600W: 220~240Vac/10A/50/60Hz • 2000W: 220~240Vac/10A/50/60Hz

ADDITIONAL I/O

• Operating Temp • Non-Operating Temp • Operating Relative Humidity • Non-Operating Relative Humidity	• 10°C - 30°C (50°F to 95°F) • -40°C to 60°C (-40°F to 140°F) • 5%~ 90% • 5% ~ 95%
Compliance/Regulatory	RoHS, FCC, UL, CE

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