J311-S

Versatile 4th Gen Intel® Xeon® Single Socket 1U Rackmount Server

Tackle your most demanding compute requirements with a versatile server platform offering NVMe, SAS, and SATA drives for hot pluggable hybrid storage. This powerful and efficient single socket server brings you flexibility and reliable performance in an affordable 1U form factor.

REMARKABLE PERFORMANCE

Featuring impressive processing power, PCIe Gen5 and DDR5 memory, and flexible storage capacity, this server provides cost-effective but powerful choices for Cloud and Enterprise workloads.

4th Generation Intel® Xeon® Scalable processor microarchitecture offers superb power efficiency, data integrity protection, and proven reliabi (e)-5 (r)58 ( )0.5 (a1 (gri)7.7 (pr)7.1 (o)-1.(c)3 (i2]0.004p)7.1 (o)-0 Tc 0 i2]0.004p)7.1 -1 (e)3. ( )9 (f)2 (f)2.1 4TwoDDm)b6(f over the previous generation. common server management features from the HBM to a modular designed form factor for easy interoperability, configurability, and flexibility.

Effective single processor limits power consumption and reduces energy costs while providing the I/O and compute power necessary to handle data-intensive workloads.

VERSATILE EXPANDABILITY

This server combines different configurations of NVMe, SAS, or SATA drive slot and a wide array of network and storage controller connectivity to fit your application needs. It offers:

Up to 12x small form factor (SFF) front drives

2x internal M.2 NVMe slots

Up to 2x PCIe Gen5 add-in card slots and an OCP 3.0 PCIe Gen5 slot for OCP type NIC/storage

Scalable for high-performance or cost savings	Toolless chassis
Power redundancy for failure-free operation	Hot pluggable NVMe/SAS/SATA drives
Increased memory capacity and speed	Improved performance with SAS-4 & Gen5 PCIe/NVMe
Security options safeguarding platform integrity	
Redfish API support	

Form Factor	1U Rackmount
Model	J311-S (SFF)

CPU

Fans