



Celestica S2122 Flexible Configuration Server

S2122 is a high performance server product based on Intel® Xeon® Scalable processors. The 2U chassis supports up to 12 3.5" or 24 2.5" SAS/SATA/ NVMe drives with excellent performance and high reliability.



- 2 Intel® Xeon® Scalable Processors in 2U space, with 24x DDR4 DIMMs
- Up to 9 PCIe Slots for Expansion, and one standard OCP card
- Support Variable Disk Drive configuration, 12x 3.5 and 24x 2.5, both of them support NVMe Drives

The Celestica S2122 provides a flexible configuration, which is especially suitable for scenarios such as virtualization, database, HPC, and big data analytics. It also supports large-capacity local storage resources.

Overview

Service providers, cloud service providers, network operators, or enterprise infrastructure companies can quickly and efficiently deploy various CDN applications securely and easily with solutions based on the Intel® Xeon® Scalable Processor Family.

The CDN plays a critical role in delivery of web content, high-quality video, and Internet security for end users. It is a hierarchical architecture, which consists of origin servers, mid-tiers, and edge nodes. In the virtualized CDN era, one CDN node could be deployed easily in the virtual machine with customized capability.

Celestica has partnered with Intel to verify its Celestica S2122 Server as an Intel® Select Solution for Visual Cloud Delivery Network. This lets users benefit from both Celestica's and Intel's experience in the Visual Cloud Delivery Network market and get workload-optimized performance from the Intel® Xeon® Scalable processors.

Feature Highlights

Up to 56 Xeon Core Per system, and max. 3GB DDR4 memory, Intel Optane DIMM supported Configurable Disk Drive , full NvME drive or hybrid Disk Drive configs. Flexible IO expansion, total 9 PCIe slot and one OCP slot

- Support up to 2GPU cards

Offering system solution for 2GPU cards and reserved 3GPU design for future usage.

Key Benefits

Key benefits of investing in Celestica's Intel Select Solution for Visual Cloud Delivery Network include the following:

Faster evaluation: Intel Select Solutions for Visual Cloud Delivery Network tight hardware and software specifications eliminate guesswork and speed decision-making. IT managers can focus their search on key value-added elements and select an optimal solution quickly.

Fast and easy deployment: Intel Select Solutions for Visual Cloud Delivery Network feature pre-defined settings and rigorous system-wide tuning for efficient pre-deployment testing. IT staff know what to expect up front, which speeds time to service delivery and increases confidence in solution performance.

Workload-optimized performance: Intel Select Solution for Visual Cloud Delivery Network configurations are designed by Intel and its partners to deliver to a performance threshold for the workload and are built on the latest Intel architecture technology, including Intel Xeon Scalable processors.

Metric	Description
Enclosure	2U rack-mounted Server
	Dimensions: 87mm(H) x 448mm(W) x 757mm(D)
Processor	Dual (2) Socket (LGA 3647) to support 2nd Gen Intel® Xeon® Scalable Processor 6230
PCH	Intel® C62x Chipset(-1G/4)
Memory	16Gx24 Samsung 2666 MT/s M393A2k43BB1-CTD
Front Drive Bay	2 x Intel® NVMe P4510 Series 2.0TB NUMA aligned for VoD, IPCDN workloads
Rear Boot Drive Bay	2 x Intel® SSD SATA SSD 1.92T SSDSC2KB019T8
Intel Omni-Path Fabric	Reserved (Dual 100Gb port, one per Processor)
LAN	2 x DP 25 GbE XXV710 SFP28+
PCIe Slot	8 x8 slots or 2 x16 and 4 x8 slots, reserved one x8 internal slot
USB & VGA	Rear: 4 x USB3.0, 1 VGA ; Front: 2 x USB2.0, 1 VGA
Serial Port	One Rear DB9
BMC	IPMI 2.0 based management, dedicated management LAN

Power Supply	Dual 800W/1300W/1600W CRPS PSU
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System Key Features Summary

Learn More

To find out more about the Celestica S2122 Server, visit

https://hardwaresupport.celestica.com/FileRepository/SearchItem/Tyr_info

Intel Select Solutions

www.intel.com/selectsolutions

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