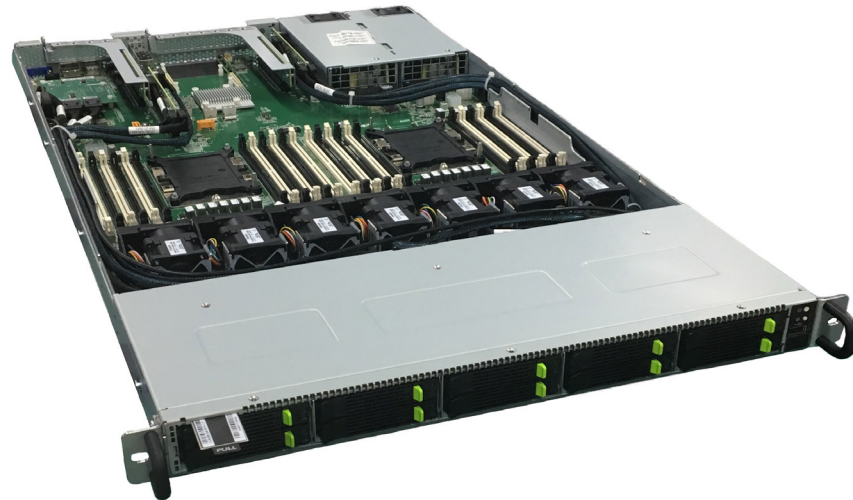


# SV1110-2SL/SV1104-2SL

## 1U Head Node and Cache Server

High performance, versatile, and scalable. This 1U dual socket high-end rackmount server is ideal for HPC, enterprise data center, virtualization, and caching applications – delivering a truly unique platform for your application needs. It supports robust memory, the latest Intel Xeon processors, fast NVMe and SAS/SATA SSDs, and expansion ports to surpass your most demanding workloads.



### Remarkable Performance

Featuring flexible storage capacity, processing power, and fast DDR4 memory, this server maximizes datacenter performance and efficiency. Featuring the Intel® Xeon® Scalable processor microarchitecture for high-performance computing and power workloads, means that you can achieve better response time for more applications running simultaneously.

### Versatile Expandability

The SV1110S-2SL/SV1110N-2SL/SV1104-2SL is configured to expand with your needs. It offers up to 10 2.5" SFF SAS/SATA/NVMe drives or four 3.5" LFF SAS/SATA drives. With support for SATA DOMs and an option for two M.2 cards, this server provides versatile solutions for your most demanding performance requirements.

Scalability up to 24 2666MHz L/RDIMMs enables you to increase server memory as your application demands grow. Two PCIe add-in card slots, and two OCP mezzanine card slots allow for a wide array of network connectivity into the server and will fit whatever your application needs.

### Features

- Flexibility for price optimization
- Scalable for high-performance or low-cost saving
- Deploy systems at scale
- Enterprise class support
- Hot pluggable SAS/SATA/NVMe
- Power redundancy for failure free support
- Front panel pull tag for easy scannability



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### Specifications

Chassis	
Form Factor	1U EIA 310-D Rackmount
Model	<ul style="list-style-type: none"> <li>SV1110S-2SL-1</li> <li>SV1110N-2SL-1</li> <li>SV1104S-2SL-1</li> </ul>
Serviceability	Tool-less separate fan access lid
Dimensions	
W x H x L	<ul style="list-style-type: none"> <li>17.2" x 1.71" x 30"</li> <li>436mm x 43mm x 762mm</li> </ul>
Weight	<ul style="list-style-type: none"> <li>Up to 30 lb barebone system</li> <li>Up to 14.05 kg barebone system</li> </ul>
Processor/Cache	
CPU	<ul style="list-style-type: none"> <li>2x Intel® Xeon® Scalable processors</li> <li>8000 series and below</li> <li>Dual Socket (FCLGA3647)</li> </ul>
Cores/Cache	Up to 28 cores/38.5MB cache
System Memory	
Memory Capacity	<ul style="list-style-type: none"> <li>Up to 24x DDR4 DIMM slots</li> <li>Up to 2666MHz L/RDIMM</li> </ul>
Memory Type	Up to 2666MHz ECC DDR4 up to 1.5TB
DIMM Size	RDIMM: 64GB, 32GB, 16GB, 8GB, 4GB
On-Board Devices	
Chipset	Intel® C622 Chipset
BMC	<ul style="list-style-type: none"> <li>Redfish</li> <li>IPMI 2.0 with virtual media over LAN, and KVM-over-LAN support</li> </ul>
Network Controllers	Intel® 10GbE Controller, dual port, SFP+
Trusted Platform Module (TPM)	TPM 1.2 & 2.0
Additional Input/Output	
USB	<ul style="list-style-type: none"> <li>2x USB 3.0 (rear)</li> <li>1x USB 2.0 (front)</li> </ul>
Video	1 external VGA port
Ethernet Port	2x 10GbE SFP+

Front Panel	
Buttons	<ul style="list-style-type: none"> <li>Power Off/On</li> <li>System Reset</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>System Identification</li> <li>Power Status</li> <li>System Health</li> <li>Network Activity</li> <li>Disk Activity</li> </ul>
Expansion Slots	
Tool-less PCIe slots	<ul style="list-style-type: none"> <li>2x PCIe x16 add-on card</li> <li>1x FHHL</li> <li>1x HHHL</li> <li>1x OCP Network Mezz (x16)</li> <li>1x OCP Mezz for RAID (x8)</li> </ul>
Drive Options	
Tool-less Hot swap drives	<ul style="list-style-type: none"> <li>10x 2.5" SAS/SATA</li> <li>10x 2.5" NVMe</li> <li>4x 3.5" SAS/SATA</li> </ul>
Non-Hot swap	<ul style="list-style-type: none"> <li>2x M.2 (optional)</li> <li>2x SATA DOM</li> </ul>
System Cooling	
Fans	6+1 redundant, tool-less hot swappable fans
Power Supply	
800W 1+1 Redundant Gold certified hot swappable, tool-less PSUs	
Total Output Power	800W
Input	100-240Vac/10-5A/50-60Hz
Operating Environment/Compliance	
Operating Temperature	10°C to 35°C
Non-Operating Temperature	-40°C to 65°C
Operating Altitude	0 to 10,000 ft.
Non-Operating Altitude	0 to 40,000 ft.
Compliance/Regulatory	RoHS, FCC, UL, CE

#### Warranties and Limitation of Liability

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