

SV1110S-2V4-1

1U Head Node and Cache Server

Tackle Power Workloads with Steadfast Performance



System Benefits

In a compact 1U form factor engineered for configuration and application flexibility, this highly reliable server delivers remarkable performance and versatile expandability. The server is ideal for virtualization and for applications such as caching and load balancing, as well as for high-performance server-based computing.

Remarkable Performance

Featuring flexible storage capacity, processing power and fast DDR4 memory, this server maximizes datacenter performance and efficiency. Fast DDR4 memory and the increased processing cycles and threads of the Intel® Xeon® processor family means that you can achieve better response time for more applications running simultaneously.

Versatile Expandability

The server is configured to expand with whatever your application needs. It offers up to ten 2.5" SAS/SATA drives. Scalability up to 1024GB of 2133MHz L/RDIMMs also enables you to increase server memory as your application demands grow. Two PCIe add-in card slots and an OCP mezzanine allow for a wide array of network connectivity into the server.

Features

- Compact, space-saving design
- Hot swappable SAS/SATA drives
- Hot swappable and redundant power supply units
- Scalable for high-performance or low cost savings
- High reliability
- Increase productivity

STACK[®]
VELOCITY

SV1110S-2V4-1

1U Head Node and Cache Server

Specifications

Chassis	
Form Factor	1U EIA 310-D Rackmount
Model	SV1110S-2V4-1
Dimensions	
W x H x L	<ul style="list-style-type: none">17.2" x 1.71" x 28"436mm x 43mm x 711mm
Weight	22 lbs barebone system
Processor/Cache	
CPU	<ul style="list-style-type: none">2x Intel® Xeon® E5-2600 v3/v4 up to 135WDual Socket R3 (FCLGA2011-3)
Cores/Cache	Up to 14 cores/35MB cache
System Memory	
Memory Capacity	<ul style="list-style-type: none">Up to 16x DDR4 DIMM slotsUp to 2133MHz L/RDIMM
Memory Type	Up to 2133 ECC DDR4 SDRAM 72-bit
DIMM Size	<ul style="list-style-type: none">RDIMM: 32GB, 16GB, 8GB, 4GBLRDIMM: 64GB, 32GB
On-Board Devices	
Chipset	Intel® C612 Chipset
BMC	IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Network Controllers	<ul style="list-style-type: none">Dual port 10GbE SFP+Optional Dual 1GbE, 10GbE, 25GbE, 40GbE OCP
Additional Input/Output	
USB	2x USB 3.0 (rear), 1x USB 2.0 (front)
Video	1 external VGA port
Serial Port/Header	1 external DB-9 serial port

Front Panel	
Buttons	<ul style="list-style-type: none">Power Off/OnSystem Reset
LEDs	<ul style="list-style-type: none">Power StatusIdentificationDisk/NIC ActivitySystem Health
Expansion Slots	
PCIe	<ul style="list-style-type: none">2x PCIe 3.0 x8 add-on card1x PCIe FHHL1x PCIe HHHL1x OCP x8 Network Mezz1x OCP x8 Mezz for RAID
Drive Options	
Hot swap	Up to 10x 2.5" SAS/SATA
System Cooling	
Fans	5 +1 Redundant fans
Power Supply	
650W 1+1 Redundant, hot-swappable PSUs	
Total Output Power	650W
Input	100-240Vac/9A/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

This document provided by StackVelocity is provided "as is" without warranties of any kind, whether express or implied, including but not limited to implied warranties of merchantability, fitness for a particular purpose, and non-infringement. StackVelocity has made every effort to include accurate and timely information about its products and services. However, StackVelocity has not made and does not make any warranties or representations as to its accuracy or completeness. StackVelocity assumes no liability or responsibility for any errors or omissions in this document. When you use such StackVelocity information, you are doing so at your own risk and you expressly understand and agree that under no circumstances shall StackVelocity be liable for any direct, indirect, incidental, special, consequential or exemplary damages resulting from your use of this document.

