

SV1110N

1U High-Density NVMe Storage Solution



With high-density storage housed in a space saving design, StackVelocity's 1U 10-bay NVMe storage solution offers compelling performance and improved power efficiency. Optimized for efficient implementation and operation for infrastructures such as storage, security and communications, this server enables next generation solutions with an incredible leap in performance. And the tool-less design makes installation and maintenance a snap, enabling you to keep downtime to a minimum.

Features and Benefits

The 1U storage solution provides an efficient and economical system with abundant storage that achieves price optimization. You can tackle your most demanding storage performance requirements with the 1U storage solution's key features:

- 1U high storage density, space-saving design
- Support for 10 SFF NVMe solid-state drives (SSD)s
- Supports two Intel® Xeon® Processors E5-2600 v3/v4 product family
- Tool-less design supports quick installation and easy maintenance
- Customizable to meet your requirements

STACK[®]
VELOCITY

SV1110N

1U High-Density NVMe Storage Solution

Specifications

Chassis	
Form Factor	1U EIA 310-D Rackmount
Model	SV1110N-2V4-1
Processor/Cache	
CPU	<ul style="list-style-type: none">2x Intel E5-2600 v3/v4Dual Socket R3 (FCLGA2011-3)
Cores/Cache	Up to 18 cores/45MB cache
System Memory	
Memory Capacity	<ul style="list-style-type: none">12x DDR4 DIMM slotsUp to 2400MHz L/RDIMM to 384GB
Memory Type	Up to 2400 ECC DDR4 SDRAM 72-bit
DIMM Size	RDIMM: 32GB, 16GB, 8GB, 4GB
On-Board Devices	
Chipset	Intel® C612 Chipset
IPMI	IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Network Controllers	<ul style="list-style-type: none">Intel® Ethernet Controller I210-AT, single port GbE controllerIntel® 82599ES 10 GbE Controller, dual port, SFP+
Trusted Platform Module (TPM)	TPM 1.2 & 2.0
Additional Input/Output	
USB	<ul style="list-style-type: none">2x USB 3.0 (rear)1x USB 2.0 (front)
Video	1 external VGA port
Serial Port/Header	1 external DB-9 serial port
Dimensions	
W x H x L	19" x 1.75" x 31"
Weight	53lbs barebone system

Front Panel	
Buttons	<ul style="list-style-type: none">Power Off/OnSystem Reset
LEDs	<ul style="list-style-type: none">IdentificationSystem StatusSystem Alert
Expansion Slots	
PCIe	<ul style="list-style-type: none">1x PCIe v3.0 x8 add-on card1x PCIe v3.0 x16 add-on card
Drive Bays	
Hot swap	10x 2.5" NVMe
System Cooling	
Fans	6x 40x56mm hot swap fans
Power Supply	
850W 1+1 Redundant Gold certified hot swappable PSUs	
Total Output Power	850W
Input	90-264VAC/47-63 Hz
Operating Environment/Compliance	
Operating Temperature	0°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.

