Create Your Own Private Cloud

Your business may be public, but your business information is private. Make sure it stays that way by creating an on-premise private cloud within your network—one you control. It's easier than you might think with Howard's SP3-1110 storage solution. The SP3-1110 supports 3rd Generation Intel Xeon® Scalable processors, with 'scalable' being the key word. As your business grows, your network capabilities need to be able to keep pace with your workload. This 1U system features up to 2 TB of DDR4 memory, up to 10 drives, IPMI, and two 10GB network ports. Additionally, the SP3-1110 is designed for virtualization, which enables more efficient utilization of physical computer hardware, allowing for a greater return on hardware investment. Howard's SP3-1110 is one business partner you can trust!

Howard Storage Solutions Are Good for Business!

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The SP3-1110 Server Solution

HOWARD

SP3-1110 Server
Specifications

Chipset
Intel® 621A

Operating System
Microsoft Windows® 2019, VMWare 7.0 Update 2

Processors
Single Socket Intel® Xeon 3rd Generation Scalable (LGA4189)

System Memory
Up to 2 TB of DDR4 8 DIMM RDIMM/ LRDIMMM

Video: VGA

Storage
(10) SATA3 2.5" drive bays
SAS3 available via Add-on Module

Network
Dual LAN with 10Gbase-T

Internal Ports
(1) PCI Express 4.0x16 Low Profile slot
(2) PCI Express 4.0x16 Full Height Full Length

External Ports
(1) VGA port (Video port)
(2) RJ45 10GBase-T ports
(1) RJ45 Dedicated IPMI LAN port
(4) USB 3.2 Gen 1 ports (2 rear, 2 front)
(2) USB 2.0 ports (rear)

Chassis Technical Specifications
Dimensions:
17.2"W x 1.7"H x 23.5"D (inches)

Drive Bays
(10) 2.5" Hot-swap drive bays

Form Factor: 1U Rackmount

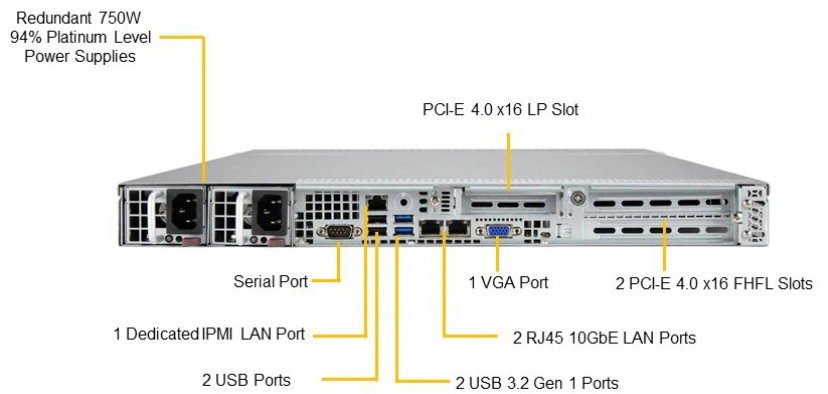### Weight 46.1lbs

PSU
(2) 750W Redundant power supplies

(Front View – System)

Drive Bay	Description
0 - 9	10x 2.5" Hot-swap SAS3/SATA3 Drive Bays
0 - 3	4x Hot-swap NVMe Hybrid SAS3/SATA3 Drive Bays(Option)

*SAS3/NVMe support requires additional parts in optional parts list
** NVMe tray are optional

(Rear View – System)

Warranty & Support
- Howard Technology Solutions' standard warranties apply.
- FREE customer and technical support to purchaser via telephone or web for the life of the system.
- Expedite your troubleshooting process by participating in our Howard Technical Partnership Program (HTPP) which certifies your staff to perform basic hardware service and support. Contact us today for more information.

Contact Howard Technology Solutions for world-class service and support.

Online: www.howardcomputers.com/support
Phone: 1.888.323.3151
Email at tech@howardcomputers.com, or Conventional mail at:

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Learn more about Howard servers at http://www.howardcomputers.com/landing/howard_servers.cfm