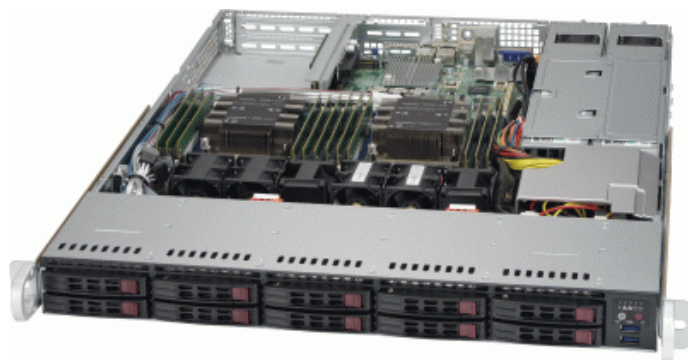


HOWARD

888.912.3151 | www.Howardcomputers.com

The SP1100 Server



Get the performance, capacity, and flexibility your business needs with Howard's newest server solution, the SP1100.

Intelligently powered by Intel® Xeon® scalable processors, the SP1100 is ideal for small and medium size businesses planning for future expansion. As a web server, network appliance, login server, and even a cloud workload server, the SP1100 delivers the speed and responsiveness you need to maintain your competitive edge. It features up to 3TB DDR4 memory, up to 10 hard drives, IPMI, and two 10 GbE network ports for super-fast connectivity. Now is the time to pave the way for future expansion. You can do it with the SP1100 from Howard.

Affordable? Yes. At a cost of no more than some desktop computers, you can get the right server—Howard's SP1100—at the right price.

Howard Servers—Good for Business!

Performance, capacity, and flexibility



Intel, the Intel logo, Intel inside, Xeon, Core i7, i5 & i3 are trademarks of Intel Corporation in the US and other countries.

SP1100 Server Specifications

Chipset

Intel® C622

Operating System

Microsoft Windows® 2019 and Windows 2016

Processors

Intel® 1st and 2nd generation Xeon scalable processors

System Memory

Up to 3 TB of DDR4 RDIMM/LRDIMM
12 DIMM slots (6 per processor)

Video

VGA

Storage

8 SATA3 2.5"; 2 NVMe/SATA3 hybrid ports;
SAS3 available via add-on module

Network

Dual LAN with 10Gbase-T

Internal Ports

- (1) PCI Express 3.0x8 Low Profile Half Length (Single or Dual Processor)
- (2) PCI Express 3.0x16 Full Height Half Length (Dual Processor only)
- (1) PCI-E 3.0 X16 for add-on-module (SAS 3 storage controller– single or dual processor)

External Ports

Video Ports

- (1) VGA port

RJ45 Ports

- (2) RJ45 10GBase-T ports
- (1) RJ45 dedicated IPMI Lan port

USB 3.0

- (6) USB 3.0 ports (4 rear, 2 front)

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

PSU

2 750W redundant

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:

Howard Technology Solutions
36 Howard Drive
Ellisville, Mississippi 39437

The Howard Advantage!

With every Howard product purchase, you receive the following for FREE!

- Phone and web tech support for the LIFE of your system
- 100% US-based, English-speaking customer support 24/7/365
- Phone hold times < 1 minute

FAQs

Q: What is LRDIMM?

A: LRDIMM is a load-reduction (LR) DIMM (used in servers) that supports higher densities than RDIMMs and contains a memory buffer (MB) chip, as opposed to a register, in order to reduce and minimize the load on the server memory bus. The memory buffer reduces each clock, command and address and data input to a single load, which increases the memory speed.

LRDIMMs are useful in memory-intensive applications in data centers, cloud computing and in high-performance computing (HPC) environments. LRDIMM is pin-compatible with existing DDR3 DIMM sockets and is JEDEC standard.