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
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
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.