

HOWARD

888.912.3151 | www.Howardcomputers.com

The SP280 Server



Optimize performance, increase storage, and improve security—that is what Howard's new SP280 server solution can do for the digital side of your business. It's built around Intel's new Xeon® Scalable Processor family, which delivers energy-efficient performance that is almost 50% better than the first generation of Xeon, allowing it to support operations that require near real-time access to rapidly changing data, such as financial transactions and medical records.

The SP280 comes equipped with ECC memory to protect against data corruption and uses Intel's Platform Trust and vPro™ technologies for built-in, hardware-enhanced security and remote manageability. Additional fail-safe technologies include hot-swappable hard-drives and RAID. As applications become more dependent on large amounts of data, reliability and security are paramount. Fortify your business with an affordable server solution from Howard—the SP280.

Integrated RAID

Intel® Embedded Server RAID Technology and Intel Rapid Storage Technology support RAID levels 0/1/5/10—cost-effective redundancy without add-in cards

IPMI 2.0

Remote Control and Hardware Monitoring of CPU/system temperatures, fan speeds/ status, power supply status and chassis intrusion

Energy Efficient

Power enhancements for lower TCO and green initiatives

Xeon® Scalable Processor Family CPU



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SP280 2U Rackmount Server Specifications

Chipset

Intel® C622

Operating System

Windows® Server 2019/2016;
VMWare (ESXI 6.5) w/optional controller

Supported Processor Families

1st and 2nd Generation Xeon scalable processor family CPUs (LGA3647)

System Memory

Up to 4TB of ECC DDR (16 Slots)

Video

Integrated Graphics

Network

Dual 10GBase-T with Intel® X722 + X557

Internal Ports

- (10) SATA 3
- (4) PCIe x 8 Gen 3
- (1) PCIe x 4 Gen 2 Low profile

External Ports

- (2) Serial
- (6) USB 3.0
- (2) LAN, 1 GbE
- (1) Video, VGA

Features

Integrated IPMI 2.0 for remote hardware management, power interface, and KVM over LAN

Optional

Supports M.2 and
2 fixed 2.5" NVMe/SSD/HDD

Chassis Technical Specifications

Dimensions:

17.2" (437mm) x 3.5" (89mm) x 25.5" (648mm)

Backplane: Included

(8) External Hot-swap 3.5"

(2) USBs front panel

PSU: 1000W (110v to 240v AC), 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



FAQs:

Q: What is the operating system support in this server?

A: It supports Windows Server® 2019/ Windows Server 2016 as well as VMware (VMware is not available preinstalled)

Q: How will this product be supported?

A: This product will be supported through Howard's 100% US-based team of experts available 24 hours a day, 7 days a week for FREE for the life of the system to the original purchaser of the system.

Q: Does Howard Computers offer installation services with this system?

A: Yes, Howard Computers has a Network Services Group that can perform installation of systems, as well as network security analysis and other technical services. Call us today for a quote.

Q: Why such a long lead time?

A: Simply put – because we custom build each system once ordered and then thoroughly test it to ensure it will meet and/or exceed our customer's expectations.

Q: Whom should I contact for support?

A: Remember, for non-Howard products (e.g., Panasonic, Motion, Fujitsu tablet), we direct customers directly to the applicable vendor.

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