HOWARD

The SP480 Server

Make the most of your existing computer hardware and benefit from top-of-the-line data protection, scalability, and power management with the new SP480 pedestal server from Howard. The SP480 provides you with the complete reliability you need to manage, store, send, and process data 24-hours a day and has more built-in features and expandability options than comparable models. Its intelligent design begins with powerful Intel Xeon® processors that instantly adapt to constantly shifting workloads, reducing power consumption and increasing overall efficiency.

The SP480 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. Plan for future growth with Howard's SP480 server; it's the right way to grow!

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

SP480 4U Pedestal 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
(16) PCI-E 3.0 Gen 3=4
(8) PCI-E 3.0 Gen 3=2

External Ports
(2) Serial
(2) USB 3.0
(4) USB 2.0
(2) LAN, 1GbE
(1) Video, VGA

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

Optional
Supports M.2

Chassis Technical Specifications
Dimensions:
17.2" (437mm) x 7" (89mm) x 25.5" (648mm)
Backplane: Included
(8) External Hot-swap 3.5"
(3) 5.25" Drive Bays
(2) USBs front panel
PSU: 1280W (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

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 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.