

# SM4806

POWERED BY HOWARD INNOVATION



## The Right 4U for You

If you want a powerhouse server solution that takes up as little space as possible, Howard's SM4806 modular server could be the 4U for you! This 4U rackmount unit is powered by Intel's Xeon 2<sup>nd</sup> Generation Scalable processors to deliver the highest levels of reliability and performance. Designed for density, the SM4806 features 3TB of DDR4 and houses eight hot-pluggable computing modules, each of which can be configured as a single server and use up to 22 active cores per socket. Yes, WOW! That means you have way more power to run multiple programs simultaneously—faster, smoother processing 24/7, 365 days a year—continuous operation of all mission critical applications. Howard's SM4806 is an intelligent, energy-efficient server solution that will enable you to take your business to the next level and beyond.

*Howard servers are good for business!*

# SM4806

## FEATURES AND SPECIFICATIONS

### Chipset

Intel® C621

### Supported Operating Systems

Microsoft Windows® 2019 and 2016

### Supported Processor Families

Intel® Xeon 1<sup>st</sup> and 2<sup>nd</sup> generation  
Scalable family

### System Memory

Up to 3TB of DDR4 (12 Slots, DIMMs)

### Video

VGA

### Storage

(6) SAS3/SATA 2.5" Hot-swap drive bays  
JBOD or RAID (0,1,5,10)

### Network

1GB or 10GB Ethernet (RJ45 or SFP+)

### Internal Ports

(2) PCI Express 3.0 x 16 slots  
Standard low profile  
(1) SIOM slot

### External Ports

(1) VGA  
(1) RJ45 Dedicated IPMI LAN port  
(2) USB 3.0 (rear)

### Optional Network Cards

1GB, 10GB Ethernet (RJ45 or SFP+),  
Mellanox ConnectX-4, 40GB Ethernet

### Chassis Technical Specifications

#### Dimensions

17.25"(W) x 3.47"(H) x 28.5"(D) (inches)

#### Weight

Approximately 90lbs

#### Drive Bays

(6) 2.5" Hot-swap drive bays

#### Form Factor

 Rackmount 4U

#### PSU

 2200W power supply

### 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.



**HOWARD**<sup>™</sup>  
TECHNOLOGY SOLUTIONS

### Contact Howard Technology Solutions for world-class service and support:

Online: [www.howardcomputers.com/support](http://www.howardcomputers.com/support) Phone: 1.888.323.3151

Email at [tech@howardcomputers.com](mailto:tech@howardcomputers.com), or

Conventional mail: Howard Technology, 36 Howard Drive, Ellisville, Mississippi 39437