

# SM1204

POWERED BY HOWARD INNOVATION



## Space saving, energy efficient modular server

Boost day-to-day business operations with a better server, one that has more processing power, takes up less space, and uses less energy than similar models. Howard's SM1204 modular server does all that and more. Powered by Intel® Xeon® 2nd Generation Scalable processors, the SM1204 offers an architecture that meets current digital demands head-on and scales and adapts to handle emerging applications just as easily. Designed for density and cost-effectiveness of computing resources, this high-performance 1U system features two hot-pluggable modules to allow continuous operation, a 4TB memory capacity, and up to 4 drives per module. Additional options include Ethernet and Mellanox connections. Take care of current business needs and prepare for the future with the SM1204 modular server from Howard.

*Howard servers are good for business!*

## FEATURES AND SPECIFICATIONS

### Chipset

Intel® C621

### Supported Operating Systems

Microsoft Windows® 2019 and 2016,  
Vmware 6.5.0.d and above

### Supported Processor Families

Intel® Xeon 1st and 2nd generation  
scalable family

### System Memory

Up to 4TB of DDR4 (12 Slots, DIMMs)  
per module

### Video

VGA

### Storage

(4) SATA/SAS3 2.5" hot-swap drive bays  
JBOD or RAID (0,1,5,10)  
SATA DOM for operating system only

### Network

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

### Internal Ports

(2) PCI Express 3.0 X16 slots  
(standard low profile)  
(1) SIOM slot

### External Ports

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

### Chassis Technical Specifications

#### Dimensions

17.2" (W) X 1.7" (H) X 28.25" (D)

#### Weight

Approximately 48.1lbs

#### Drive Bays

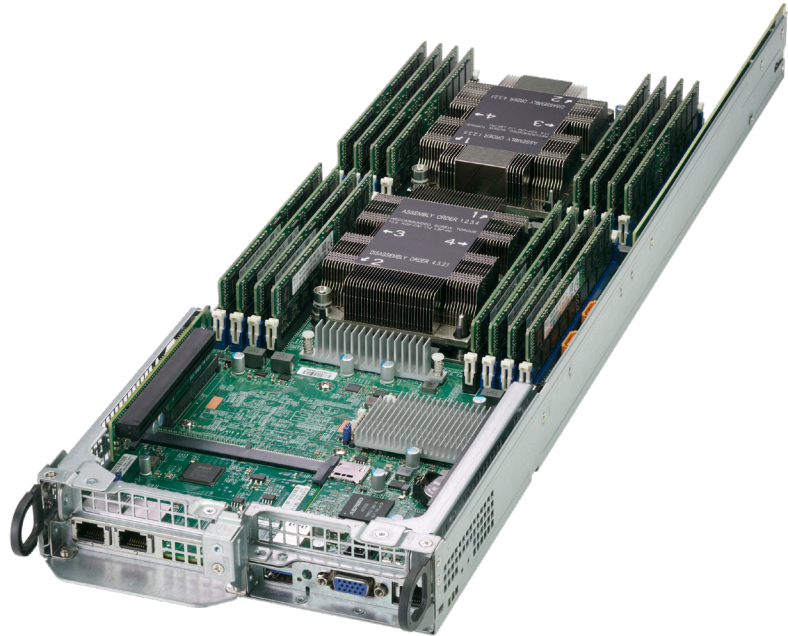
(4) 2.5" Hot-swap drive bays

#### Form Factor 1U Rackmount

PSU 1000W (2) Redundant power supplies

#### Optional Network Cards

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



### 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](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