

SM3-1204 Server

POWERED BY HOWARD INNOVATION



Intelligent, High-Density Server Solutions

Build an intelligent, high-density data center from the ground up with Howard's SM3-1204 server solution. This 1U system allows you to adopt high density innovation strategies in order to maximize productivity and efficiency. It provides two hot-pluggable computing modules that can be configured individually as single servers, using up to 28 cores per socket (Intel Xeon 3rd Generation Scalable Family) for maximum performance. Additional features include 4TB of memory per module and up to four 2.5" SATA/SAS3 drives per module. Optional network add-in cards offer Ethernet and Mellanox connections to accelerate data processing for deep learning and high-performance computing. For mission critical applications, high-availability storage, virtual machine hosts, and any other data-intensive applications, Howards SM3-1204 is the one.

Howard Server Solutions Are Good for Business!



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SM3-1204 Server Specifications

Chipset

Intel® 621A

Operating System

Microsoft Windows® 2022 and 2019

Processors

Intel Xeon® 3rd Generation Scalable Family

System Memory

Up to 4TB of DDR4 (16 Slots, DIMMs)

Video: VGA

Storage

(4) SAS3 2.5" hot-swap drive bays;
JBOD or Hardware RAID (0,1,5,10);
(2) M.2 NVMe (RAID 1) for operating system use

Network

(2) 10GB Ethernet (RJ45)

*Optional Network cards:

Up to 100GB Ethernet/100GB Infiniband-QSFP28

Internal Ports

(1) PCI Express 4.0 X 16 slots
(Standard low profile)

External Ports

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

Chassis Technical Specifications

Dimensions:
17.25"W x 1.7"H x 28.25"D (inches)

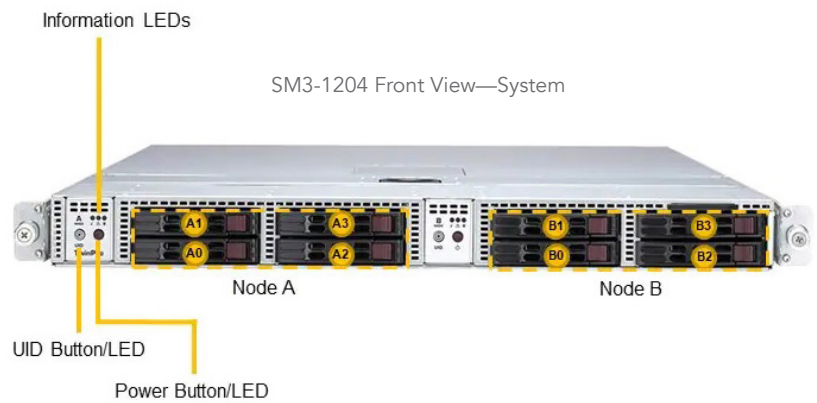
Drive Bays

(4) 2.5" Hot-swap drive bays

Form Factor: 1U Rackmount

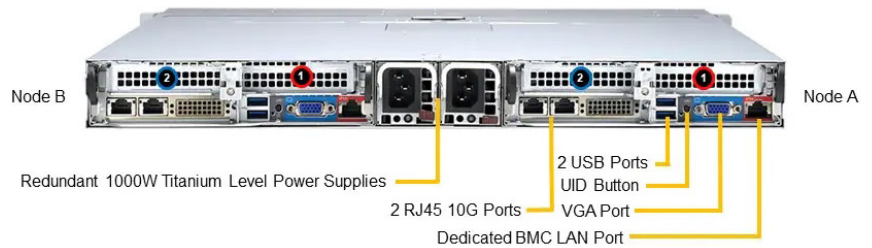
Weight 48 lbs

PSU 1000W Redundant power supplies



Drive Bay (Node A-B)	Description
0 - 3	4x 2.5" Hot-Swap SAS/SATA Drive Bays

SM3-1204 Rear View—System



Slot (Node A-B)	Description
1	AOC-S3908L-H8IR-16DD (in 120TP-DC9TR)
2	PCI-E 4.0 x16 Low Profile Slot

CPU1 CPU2

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
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Conventional mail at:

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Learn more about Howard servers at http://www.howardcomputers.com/landing/howard_servers.cfm