

# Esteem SD3-4224

POWERED BY HOWARD INNOVATION



## Don't Limit Your Business

As your business grows, so will your network needs. Prepare now with Howard's SD3-4224 rack-mountable storage solution. Powered by Windows Server®, this 4U, 24-drive system can support large data drives up to 576TB—massive storage with NVMe RAID capability designed to maintain 100-percent uptime with a sustained read-write speed of 2000MB per second that is way faster than the standard 600MB per second! Additional features include USB 3.0, IPMI for remote management, and 4TB DDR4, which provides a 40 to 50-percent increase in bandwidth and 35 percent reduction in power consumption compared to the memory currently in most other servers. In short, the SD3-4224 delivers an exceptional combination of storage performance, density, efficiency, and enterprise serviceability at a cost that is surprisingly affordable. Get ready for the future with Howard's SD3-4224 storage solution.



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*Howard Storage Solutions Are Good for Business!*

# HOWARD

# Esteem SD3-4224 Specifications

(Front View – System)

## Chipset

Intel® 621A

## Operating System

Microsoft Windows Server® 2019 and 2022

## Processors

Intel® Xeon 3<sup>rd</sup> Generation Scalable Family (2 Sockets)

## System Memory

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

## Video

VGA

## Storage

(24 SATA/SAS 3.5" hot-swap drive bays;  
JBOD or RAID (0,1,5,10)  
(2) 512GB M.2 (RAID 1) for operating system

## Network

Dual 10GB Ethernet (RJ45)

## Internal Ports

(4) PCI Express 4.0 X 16 slots  
(Standard low profile)  
(2) PCI Express 4.0 X 8 slots  
(Standard low profile)

(\*With single processor, 2X PCI Express 4.0 x16 and 1X PCI Express 4.0 X 8)

## External Ports

(1) VGA port (Video port)  
(1) RJ45 dedicated IPMI LAN port  
(4) USB 3.0  
(1) Serial port

## Chassis Technical Specifications

Dimensions:  
17.2"W x 7"H x 26"D (inches)

## Drive Bays

(24) 3.5" Hot-Swap Drive bays

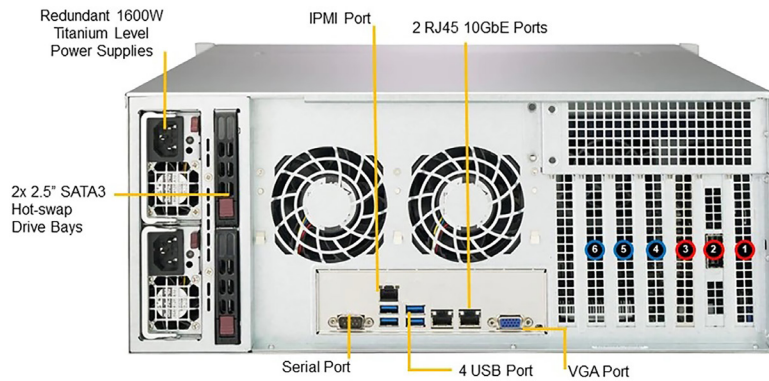
**Form Factor:** 4U Rackmount

**Weight** 75lbs

PC



Location	Description
0 ~ 23	24x 3.5" Hot-swap SATA3/SAS3 Front Drive Bays



Slot	Description
1	PCI-E 4.0 x8 Low Profile Slot (Occupied by AQM-SAS3-88E)
2, 3	PCI-E 4.0 x16 Low Profile Slot (Slot 2 occupied by 3908 SAS controller)
4, 5	PCI-E 4.0 x16 Low Profile Slot
6	PCI-E 4.0 x8 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

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

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