



Features

- Optional Secure Erase, Trusted Platform Module
- Multiple security options
- AES-256 SSD encryption available
- Rear connectors can be selectively covered
- Ruggedized yet lightweight for easy transport
- Dual-socket Intel Xeon scalable processor-based server
- 10 Gb Ethernet connections RJ45 or SFP+
- Up to 184TB raw capacity

Ruggedized Data Transport High Performance Meets Portability

Sometimes data needs to be physically transported safely and with multiple security measures when traditional methods of sending that data over a network may not be a viable alternative due to cost, security, or speed. This may include transporting movie files from location to post-production; seismic data from exploration rig to shore; sensitive battlefield data to base; or simply moving data center content to a cloud service provider. The Ultrastar Serv24-A Portable Storage Server provides up to 184TB¹ of solid-state storage in a rugged, standard or tamper-evident case. With dual Intel® Xeon® CPUs and high-performance SSDs, data ingest and transfer is fast and efficient.

Multiple security options are available, including Trusted Platform Module (TPM), secure erase, and up to AES-256 SSD encryption. The integrated handle makes it easy to carry and the available wheeled transit case can provide for even more rugged transport. The Ultrastar Serv24-A Portable Storage Server is built to deliver high performance and enterprise-class reliability.



Ultrastar Serv24-A

¹One MB is equal to one million bytes, one GB is equal to one billion bytes and one TB equals 1,000GB (one trillion bytes) when referring to storage capacity. Accessible capacity will vary from the stated capacity due to formatting and partitioning of the drives, the operating system and other factors.

Designed for Easy Data Transport

The Ultrastar Serv24-A Portable Storage Server is designed for high performance ingest and data transfer in a rugged, easily carried case.

Max. Drives	<ul style="list-style-type: none"> • Up to 24 Ultrastar® DC SS200 SSDs • Up to 7.68TB per SSD, 1 DW/D
Boot Drives	<ul style="list-style-type: none"> • 2 M.2 SATA 120GB SSDs
CPUs	<ul style="list-style-type: none"> • 2 Xeon Silver 4114, 2.2GHz, 10 C, 85W TDP
Memory	<ul style="list-style-type: none"> • 128GB DDR4 Installed (4x 32GB DIMMs)
Networking	<ul style="list-style-type: none"> • Onboard dual 10GBase-T • 10GbE, 25GbE and 40GbE are supported through the available PCIe (16 lanes) card slot
I/O	<ul style="list-style-type: none"> • 1 PCIe 3.0 x16 • 1 Serial DB9
Physical Dimensions	<ul style="list-style-type: none"> • Height: 88.4mm (3.48") • Width: 431.8mm (17") • Depth: 431.8mm (17")
Max. Weight	<ul style="list-style-type: none"> • Product w/ 24 SSDs: 17.7kg (39lbs)
Power	<ul style="list-style-type: none"> • 700W, Platinum • 100–240V AC input, auto-ranging
Cooling	<ul style="list-style-type: none"> • 4 60mm fans, fixed
Management	<ul style="list-style-type: none"> • IPMI 2.0 system management • Dedicated DB9 Serial management port
Environmental	<ul style="list-style-type: none"> • Operating Temperature: 10 to 35°C • Non-op Temperature: -30 to 60°C • Humidity: 8 to 90% relative humidity, non-condensing • Operating Altitude: 3,050m (10,000ft)

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