

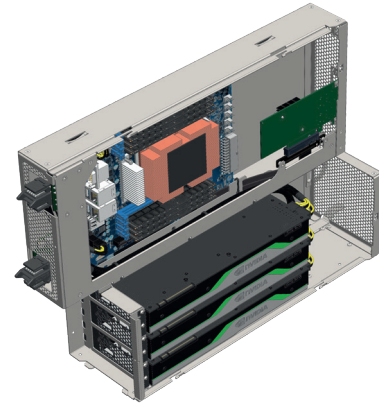
ULYS 1.68SP

Petabyte Scale Hybrid storage server

ULYS 1.68SP is a 68-Bay Hybrid Storage Server for Big Data and Software-Defined Storage

DESIGN PRINCIPLES

- Dual high-performance Intel® Xeon Scalable Processor based CPUs.
- Rack-mounted top cover for quick and easy service.
- Innovative IsoVibe™ technology ensures maximum performance even in heavy workloads.
- Improved cooling from innovative ArcticFlow™ technology.



TOP APPLICATIONS



High-performance Computing



Renderings



GPU Virtualization



Artificial Intelligence

KEY BENEFITS

- High power efficiency
- Flexible design
- High speed and computing

KEY FEATURES

Unique solution which supports :

- High-performance Intel Xeon® Scalable Processor-based server.
- Choice of CPUs to match workloads.
- Up to 60 (SAS or SATA) HDDs plus up to 8 SAS or SATA SSDs.
- Over 1.08PB raw capacity with 18TB HDDs and 15.36TB SSDs.
- Dual 1Gb/s LAN ports (Intel® I210-AT)
- Hybrid support for up to 32 SSDs to create a data acceleration tier.

OVERVIEW



| SPECIFICATIONS | |
|------------------------------|---|
| System | |
| Model | ULYS 1.68SP |
| Form Factor | 4U |
| Dimension | 1099 x 305 x 175mm 43.27" x 17.61" x 6.89" (D x W x H) |
| Sled | - |
| Weight | 95.25kg (210lbs) |
| Storage | |
| Front type | 60x 3.5" SAS or SATA HDD slots of which up to 24x may be used for 2.5" SAS or SATA SSDs Additionally, up to 8x SAS or SATA SSDs in center channel bays |
| Rear type | - |
| Motherboard | |
| CPU | Intel® Xeon® Scalable Processors |
| Chipset | - |
| Expansions slots | 6x PCIe Gen3 1x PCIe Gen3 x8 |
| M.2 connector | - |
| Network | 2x 10GbE base-T |
| Processor | |
| Socket type | Dual Socket P (LGA3647) |
| Supported CPU | Intel® Xeon® Scalable Processors |
| TDP | Max up to 165W |
| Memory | |
| Quantity | 16x DIMM slots |
| Capacity | Up to 2TB 3DS LRDIMM or RDIMM |
| Speed | DDR4 2666Mhz |
| Channels | 8x channels per CPU |
| Server management | |
| BMC | IPMI 2.0, Redfish |
| Chipset | Aspeed® AST2500 |
| TPM | TPM Header for SPI interface |
| Front I/O | |
| Button | - |
| LED | - |
| Port | - |
| Back I/O | |
| Button | 1x Power |
| LED | 1x Power 1x ID 1x Fault |
| Port | 2x USB 2.0 2x USB 3.0 2x Dual 10GbaseT 1x VGA 1x RJ45 1x Redfish RJ45 1x IPMI 2.0 |
| Internal connector | |
| Port | - |
| System Cooling | |
| Fans | 6x fans |
| Power Input | |
| Type | 2000W Redundant Power Supplies 80+ Platinum certified |
| Input Range | 200 - 240Vac / 50 - 60Hz |
| DC Output | - |
| Operating Environment | |
| RoHS | - |
| Temperature | Operating temperature: 5°C to 35°C Non-operating temperature: -40°C to 70°C |
| Humidity | Operating humidity : 8-90% (non-condensing) |