



TiDAS™

Announcing the Purpose Built Backup Storage Sub-System Appliance specifically for Teradactyl® Products

Hardened bent steel high quality & vibration tested chassis frame, redundant power, communications, and high-density storage. Teradactyl® introduces competitive appliance solutions in a turnkey package. The TiDAS™ appliance is constructed with enterprise drives and state of the art HBA options. The solid chassis construction, 6 Gb/s & 12 Gb/s SAS backplanes and 8TB standard SAS or 6TB optional SAS drives, with flexible connectivity technologies are the best available balance in quality and performance.

Fully integrated Teradactyl® Hardware and Software Solution

Teradactyl® builds only the best with enterprise class software found in the True incremental Backup System®, Aerie™ & cLuster Guard™ enterprise class backup appliances, and newly enhanced TiDAS™ enterprise class JBOD appliances. With world class organizations counting on Teradactyl® as their last line of data assurance, commodity hardware is just not good enough. If you need Enterprise JBOD quality, Teradactyl® state of the art systems will meet your requirements.

The brand known for loyalty is Teradactyl®

Teradactyl® is the company that attracts and retains the best names in HPC, Scientific, and Research Computing. Our technology is tested and proven both in our laboratories and in production beta sites from world-class institutions. We have the trust in our way of working with intellectual property, technology, ethics, and business to protect the present and ensure future development in emerging technologies. Teradactyl® is a scientific research company with a focus on Unique Solutions for Unstructured Data Environments.



TiDAS™ 90 - 720 TB SAS 6Gb/s JBOD

5U 90 Bay SAS 6 Gb/s DAS, provides ultra-high density storage and redundancy in a 5U space housing dual front facing expander modules, three fans and redundant power supply. Rack, connect, and power to instantly add capacity to your Teradactyl® backup appliances.



TiDAS™ 60 - 480 TB SAS 12Gb/s JBOD

The NEW 4U 60 Bay SAS 12 Gb/s DAS is ideal for TiBS disk library storage. This enclosure supports 60 x 3.5" top-loading hot-swappable SAS drives. It's the perfect appliance building block for Teradactyl® sub-system storage.



TiDAS™ 24 - 192 TB SAS 12Gb/s JBOD

The NEW 4U 24-bay SAS 12 Gb/s hot-swap DAS is ideal for high-availability storage and high performance Teradactyl® applications. Easy to install & maintain with effortless hot swap front facing drives. It's the entry DAS appliance building block for Teradactyl® sub-system storage.



*Raw / Unformatted Capacity Products are currently available only in the United States of America & subject to credit approval. Financing programs are available for qualified institutions.



TiDAS™

Teradactyl integrated Direct Attached Storage



	TiDAS™ 24	TiDAS™ 60	TiDAS™ 90
General			
Form Factor	4U	4U	5U
Hot Swap 8TB 7200 RPM 128MB Cache SAS 6Gb/s 3.5" Enterprise Drives (6 TB Optional)	N/A	N/A	90
Hot Swap 8TB 7200 RPM 128MB Cache SAS 12Gb/s 3.5" Enterprise Drives (6 TB Optional)	24	60	N/A
Tool-less Drive Tray	N/A	Standard	Standard
Expander Chip	LSI SAS 3x36R	LSI SAS 3x36R + LSI SAS 3x48	LSI SAS 2x36 + LSI SAS 2x28
Host/Expansion Interface	3 x Mini SAS HD (SFF-8644) per expander module	6 x Mini SAS HD (SFF-8644) per expander module	3 x Mini SAS (SFF-8088) per expander tray
Drives Supported			
Drive Interface	12 Gb SAS dual expander	12 Gb SAS dual expander	6.0 Gb SAS dual expander
Form Factor	3.5", 1" height	3.5", 1" height	3.5", 1" height
Administration Management			
Admin/Firmware Upgrade	In-band & Serial port interface with Intelligent Enclosure Management port (optional)	In-band & Serial port interface with Intelligent Enclosure Management port (optional)	In-band & Serial port interface with Intelligent Enclosure Management port (optional)
Hot-Swap & Redundancy			
Hot Swap Disk Replacement	Standard	Standard	Standard
Hot Swap Fans	4 x 6038 fans	4 x 8cm fans	3 x 12038 + 4 x 8038 fans
Redundant Power Supplies	549W 1 + 1 80+ Platinum	1400W 1 + 1 80+ Platinum	2400W 80+ Gold HRP w/PMBus 1.2
Power Entry	Dual AC Inlet	Dual AC Inlet	4 x AC Inlet
Dual Expanders	Optional	Optional	Standard
Electrical & Environmental			
Universal A/C Input	100 - 240 VAC full range	100 - 240 VAC full range	100 - 240 VAC full range
Operating Environment	Temperature 0°C to 35°C Relative humidity 20% to 80%	Temperature 0°C to 35°C Relative humidity 20% to 80%	Temperature 0°C to 35°C Relative humidity 20% to 80%
Non-operating Environment	Temperature -20°C to 60°C Relative humidity 10% to 90%	Temperature -20°C to 60°C Relative humidity 10% to 90%	Temperature -20°C to 60°C Relative humidity 10% to 90%
Physical Specifications			
Dimensions (W x D x H)	mm: 483 x 534 x 174.4 inches: 19 x 21 x 6.9	mm: 480 x 865.25 x 175.75 inches: 18.9 x 34 x 6.9	mm: 482.6 x 960 x 222.3 inches: 19 x 37.8 x 8.75
Packaging Dimensions (W x D x H)	mm: 591 x 851 x 378 inches: 23.2 x 33.5 x 14.9	mm: 603 x 1095 x 408 inches: 23.74 x 43.11 x 16	mm: 593 x 1195 x 431 inches: 23.3 x 47 x 17

©2016 Teradactyl LLC. All Rights Reserved

Teradactyl integrated Direct Attached Storage