DVTEL USS 2U

Universal Storage Server

Universal Storage Server: Server + Storage = 1 Box.

The DVTEL USS sets a new industry standard for 2U storage, offering capacity of up to 36TB raw and a new level of performance for video surveillance applications of all types.

The USS 2U includes:
- OS optimization for either Latitude NVMS or Solus VMS applications preinstalled
- 3 year Dell worldwide ProSupport and Next Business Day On-site Service
- 8-bay and 12-bay chassis rack mount option

Benefits:
- Reduces unit count, installation time and total cost of ownership
- Rack requirements are optimal
- Compact high-capacity disk array required less rack space
- Reliability and peace of mind
- Delivers optimal performance and reliability without need for extra cooling
- Best-in-class for performance in processing
- Ease of use for technicians and easier problem solving
- Redundancy and ability to connect to two switches in parallel
- Ease-of-expansion and replacement
- Reduces installation time with more consistent installs

USS 2U Specifications:

Feature	Technical Specification
Form Factor	2U rack
Hard Drive Bay	8 or 12 hard drive chassis
Processor	Enterprise Quad-core Intel® Xeon® processor
Memory	4GB RAM
RAID Controller	Built-in Dell RAID controller card
RAID Levels	0, 1, 5, 6
Operating System	Microsoft Windows® Server 2008 R2 SP1 embedded
Hard Drive Storage	Enterprise class, hot-swappable hard drives (see model numbers). Max. internal storage 36TB raw
Communications	One dual-port Gigabit NIC
Power Supply	Two redundant 750W hot-plug power supplies
USB Ports	8-bay - 6 (2 rear/2 front/2 internal) 12-bay - 5 (2 rear/1 front/2 internal)
Video Card	Matrox® with 8MB memory
Dimensions	8-bay - 3.40 x 17.19 x 24.09 in. (86.4 x 436.6 x 610.2 mm) 12-bay - 3.42 x 17.53 x 26.17 in. (86.7 x 445.2 x 664.6 mm)
Weight	8-bay - 49.5 lbs. (22.5 kg) 12-bay - 63.8 lbs. (29 kg)
Warranty	3 year Dell worldwide ProSupport and Next Business Day On-site Service

Features:

Server + Storage

Compact 2U, 8-bay and 12-bay chassis

Up to 36TB raw of hard drive storage

Server-class hardware

High-efficiency server runs cool

Enterprise Quad-core® Intel Xeon® processor

Quad-pack LED and interactive LCD diagnostics display screen

Dual-port NIC

Hot-swappable hard drives

OS installation and optimization for Latitude application

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DVTEL USS Model Numbers

USS 2U, 8-Bay, Raided		USS 2U, 12-Bay, Raided	
Model	**Storage**	**Model**	**Storage**
USS-S10T-R5-01	10TB raw (8TB usable)	USS-S14T-R5-01	14TB raw (12TB usable)
USS-S12T-R5-01	12TB raw (10TB usable)	USS-S16T-R5-01	16TB raw (14TB usable)
USS-S10T-R5H-01	10TB raw (6TB usable)	USS-S18T-R5-01	18TB raw (16TB usable)
USS-S12T-R5H-01	12TB raw (8TB usable)	USS-S20T-R5-01	20TB raw (18TB usable)
USS-S15T-R5-03	15TB raw (12TB usable)	USS-S22T-R5-01	22TB raw (20TB usable)
USS-S15T-R5H-03	15TB raw (9TB usable)	USS-S24T-R5-01	24TB raw (22TB usable)
USS-S18T-R5-03	18TB raw (15TB usable)	USS-S14T-R5H-01	14TB raw (10TB usable)
USS-S18T-R5H-03	18TB raw (12TB usable)	USS-S16T-R5H-01	16TB raw (12TB usable)
		USS-S18T-R5H-01	18TB raw (14TB usable)
		USS-S20T-R5H-01	20TB raw (16TB usable)
		USS-S22T-R5H-01	22TB raw (18TB usable)
		USS-S24T-R5H-01	24TB raw (20TB usable)
		USS-S21T-R5-03	21TB raw (18TB usable)
		USS-S21T-R5H-03	21TB raw (15TB usable)
		USS-S24T-R5-03	24TB raw (21TB usable)
		USS-S24T-R5H-03	24TB raw (18TB usable)
		USS-S27T-R5-03	27TB raw (24TB usable)
		USS-S27T-R5H-03	27TB raw (21TB usable)
		USS-S30T-R5-03	30TB raw (27TB usable)
		USS-S30T-R5H-03	30TB raw (24TB usable)
		USS-S33T-R5-03	33TB raw (30TB usable)
		USS-S33T-R5H-03	33TB raw (27TB usable)
		USS-S36T-R5-03	36TB raw (33TB usable)
		USS-S36T-R5H-03	36TB raw (30TB usable)

(S) = Server   (T) = Terabytes   (R) = RAID   (H) = Hot Spare

Performance*

Setup	Max # of Cameras	Max Throughput	Max # of Play-backs	Max # of Transcoding Sessions
Server All-in-One (Directory, EDB, Archiver, Transcoder and GW)	100	100 Mbps	20	5
Archiver Only	240	320 Mbps	30	N/A

*For more information please refer to the Latitude system specifications.

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