

DVTEL USS 1U



Universal Storage  
Server

## Universal Storage Server: Server + Storage = 1 Box.

The DVTEL USS 1U is a compact, efficient and high performance server that meets the needs of small to mid-sized businesses with video surveillance storage requirements of up to 12TB raw.

Its key benefits include simplified set-up and maintenance, reduced installation requirements and system management capabilities.

The system features Quad-core Intel® Xeon® processor, Dual-port NIC and a hardware RAID controller. The front-accessible hot-swappable hard drive storage ensures continuous recording and allows for future storage expansion. Enterprise-class hard drives deliver maximum reliability and speed.

The USS 1U includes:

- OS optimization for either Latitude NVMS or Solus VMS applications pre-installed
- 3 years Dell worldwide ProSupport and Next Business Day On-site Service
- 4-bay chassis rack mount

Benefits:

- Reduces unit count, installation time and total cost of ownership
- Rack requirements are optimal for space-constrained areas
- 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
- Ease-of-expansion and replacement
- Customer chooses redundancy variation
- Reduces installation time with more consistent installs

### Features:

#### Server + Storage

Compact 1U disk array, 4-bay chassis; up to 12TB 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

Non-Raid, RAID-1 or RAID-5 configuration

OS installation and optimization for Latitude

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VIDEO INNOVATION TO SECURE YOUR BUSINESS

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## Specifications

Features	Technical Specification
Form Factor	1U rack
Hard Drive Bay	4 hard drive chassis
Processor	Quad-core Intel® Xeon® processor
Memory	4GB RAM
RAID Controller	Built-in Dell RAID controller card
Operating System	Microsoft Windows® Server 2008 R2 SP1 embedded
Hard Drive Storage	Enterprise class, hot-swappable hard drives (see model numbers). Max. internal storage 12TB raw
Communications	One dual-port Gigabit NIC
Power Supply	Redundant Power Supply (2 PSU) 400W
USB Ports	6 (2 rear / 2 front / 2 internal)
Video Card	Matrox® with 8MB memory
Dimensions	42.4 x 434 x 610 mm (w/o bezel) - 1.67 x 17.10 x 24 in.
Weight	Maximum 33.02 lbs. (15 kg)
Warranty	3 year Dell worldwide ProSupport and Next Business Day On-site Service

## DVTEL USS Model Numbers

USS 1U, 4-Bay, Raided		USS 1U, Non-Raided	
Model	Storage	Model	Storage
USS-S2T-R1-01	2TB raw (1TB usable)	USS-S1T-RN-01	1TB raw
USS-S3T-R5-01	3TB raw (2TB usable)	USS-S2T-RN-01	2TB raw
USS-S4T-R5-01	4TB raw (3TB usable)	USS-S3T-RN-01	3TB raw
USS-S6T-R5-01	6TB raw (4TB usable)	USS-S4T-RN-01	4TB raw
USS-S8T-R5-01	8TB raw (6TB usable)	USS-S6T-RN-01	6TB raw
USS-S12T-R5-03	12TB raw (9TB usable)	USS-S8T-RN-01	8TB raw
		USS-S9T-RN-03	9TB raw
		USS-S12T-RN-03	12TB raw

(S) = Server (T) = Terabytes (R) = RAID (RN) = Non-RAID

## 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 (For all Raid-5 configurations)	200	200 Mbps	20	N/A
Archiver Only (For all Non-Raid or Raid-1 configurations)	100	100 Mbps	20	N/A

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