

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

dvtel® *Now you can.*

VIDEO INNOVATION TO SECURE YOUR BUSINESS

DVTEL, Quasar, are trademarks of DVTEL Inc.
All other company names and products are trademark or registered trademarks of their respective companies.
DVTEL reserves the right to make changes without notice.

www.dvtel.com



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.