

# COTS

by dvtel

## DVTEL USS



### SMB Elite

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

The DVTEL USS SMB Elite 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 16TB internal storage

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

The system features a Quad-core Intel® Xeon® processor, Dual-port NIC, and a hardware RAID controller with Flash Backed Cache. The front-accessible hot-swappable hard drive storage ensures continuous recording, and allows for future storage expansion.

### Benefits:

- Reduces unit count, installation time and Total Cost of Ownership (TCO)
- Reduces installation time with more consistent installs
- Ease of use for technicians and easier problem solving
- Rack requirements are optimal for space-constrained areas
- Delivers optimal performance and reliability without need for extra cooling
- Redundancy and ability to connect to two switches in parallel
- Best-in-class for performance in processing
- Reliability and Peace of Mind
- Ease-of-replacement and maintenance
- Redundancy and reliability

### Features:

- Enterprise Quad-core Intel® Xeon® processor
- OS installation and optimization for Latitude
- Quad-pack LED and interactive LCD diagnostics display screen
- Compact 1U disk array, 4-bay chassis; up to 16TB of internal hard disk storage
- Up to 192TB DAS option
- High-efficiency server runs cool
- Dual port NIC
- Server + Storage
- Server-class hardware
- Hot-swappable hard drives
- RAID-5 configuration

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VIDEO INNOVATION TO SECURE YOUR BUSINESS

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Features	
Form Factor	1U rack
Hard Drive Bay	4 hard drive chassis
Processor	Quad-core Intel® Xeon® processor E5-2400 product family
Processor Sockets	1
Chipset	Intel® C600 series
Memory	8GB RDIMM RAM (2 x 4 GB)
I/O Slots	2 PCIe slots
RAID Controller	Hardware RAID controller with Flash Backed Cache
Operating System	Microsoft Windows® Server 2008 R2 SP1 embedded
Hard Drive Storage	Enterprise-class, hot-swap hard drives (see model numbers) Maximum internal storage: 16TB Up to 192TB DAS Expansion Option
Communications	Embedded DP 1GB NIC
Systems Management	Basic Embedded

Power Supply	Single Cabled Power Supply 350W
USB Ports	USB 2.0 compliant
Rack Support	ReadyRails® II sliding rails
Dimensions	42.8 x 482.4 x 434.0 (mm)
Weight	Maximum 19.3 kg (42.55 lbs.)
Warranty	3-year Dell ProSupport and Next Business Day On-site Service

## Model Numbers

USS SMB Elite, 4-Bay, Raid-5	
Model	Storage
USS-SMB-03R5-02	3TB RAID-5 (2TB usable)
USS-SMB-04R5-03	4TB RAID-5 (3TB usable)
USS-SMB-06R5-04	6TB RAID-5 (4TB usable)
USS-SMB-08R5-06	8TB RAID-5 (6TB usable)
USS-SMB-12R5-09	12TB RAID-5 (9TB usable)
USS-SMB-12R5-08	12TB RAID-5 (8TB usable)
USS-SMB-16R5-12	16TB RAID-5 (12TB usable)

(TB/T) = Terabytes

## Performance:

USS SMB Elite RAID-5	Setup	Max # of Cameras	Max Throughput
Archiver Performance	Server All-in-One	140	140 mbps
	Dedicated	280	280 mbps
Transcoder Performance	Server All-in-One	5	5
	Dedicated	20	20