PROMISE TECHNOLOGY

VTrak Data Sheet

VTrak N1616

A major boost for digital media workflow

The new eight 10G-port VTrak N1616 will improve your creative media workflow efficiency with new performance enhancing features

Highlights

Shared Storage Optimized for Post-Production Workflow and Team Sharing

Perfect for collaborative workflow features on Adobe Premiere Pro, Final Cut Pro X, Autodesk Flame, etc.

Performance

VTrak N1616 with TierBoost: up to 6GB/3GB Read/Write throughput, options of 8 x 10G Base-T, 8 x 10G SFP+ or 4 x 25G SFP28.

TierBoost

Automatic or manual configuration options are used to classify digital assets for efficient use over the network. Most frequently used files remain in most rapid tier.

Easy to Use

Intuitive and simple user interface for data administration and rich media team access. Simplicity and low cost of Shared storage.

Data Protection

The robust PROMISE RAID engine is known for stability and high performance. Easy backup to Shared Storage and Cloud.

Technical Specifications

Model	**VTrak N1616**

General Information

Form Factor	3U
Drive Support	3.5" & 2.5" SATA 6Gb/s HDD/SSD, U.2 NVMe
Processor	Intel CPU i7-8700. 3.2GHz. 12MB Cache.65W 6 Cores
Memory	Default 64GB (Maximum: 128GB)
Max HDDs	16
Memory Slot	4 x Long-DIMM DDR4
Drive Bays	16 x 3.5-inch
Boost	PROMISE TierBoost (U.2 NVMe/SSD/HDD Tiering)

RAID & Features

RAID Level	RAID 0, 1, 5, 6, 10, 50, 60
Hot Spare	Yes

Software Highlights

Supported OS	Windows 10 and macOS 10.15 above
Management Tool	WebPAM Insight

Shared Storage Features

Network Protocol	CIFS / NFS / FTP / WebDAV
Max Storage Capacity	18TB x 16
Concurrent CIFS Session	256

Throughput With 10 SSD TierBoost	**10G Base-T** Read : 6000 MB/s Write : 3000MB/s	**10G SFP+** Read : 6000 MB/s Write : 3000MB/s	**25G SFP28** Read : 6000 MB/s Write : 3000MB/s

Physical Information

Gigabit (RJ45)	2
LAN Port	10G Base-T : 8-Port / 10G SFP+ : 8-Port / 25G SFP28 : 4-Port
USB Port	USB2.0 x 2 (Front) & USB3.2 x 4 (Back)
Graphic Port	HDMI x 1; VGA x 1
Serial Port	Yes
Dimension	131mm x 447 mm x 503mm
Weight	34Kg (with HDD)
AC Input	(550W x 2) 100 ~ 240V AC, 47 ~ 63Hz
Power Consumption	110V, Power Consumption: 306W ; 230V, Power Cosnumption: 296W
Fan	System fan: 4500RPM.12V

Environment

Temperature Range	Operating: 5° ~ 35°C (non-operating: -40° ~ 60°C)
Acoustic Noise Levels	with cable cover Level 10 : 39.7db (w/o cable cover) Level 10 : 44db

Warranty and Support

Warranty	3-years standard warranty, optional extended warranty, and on-site parts replacement program (PROMISE ServicePlus) available.
Support	24/7 PROMISE eSupport Portal (support.promise.com), optional 24/7 phone and email support available.

* All specifications and descriptions provided herein may be different from the actual specifications and descriptions of the product.