

NVH PRO SERVER STORAGE

Professional server storage for the most demanding storage environments.

DESCRIPTION

VDG's Professional video server storage hard drives offer up to 18TB capacities to suit even the most demanding needs. With the highest error tolerance and MTBF of any capacity-optimized drive, the VDG Pro video server storage delivers the durability and 24x7x365 reliability required in tightly packed vibration prone multi-drive systems. The combination of high-capacity, peak performance and robust design make VDG Pro video server storage drives ideal for heavy workload environments, delivering both performance and reliability to any datacenter environment.

FEATURES

Professional drive

Can be used in all servers (1 to 48hard drives)

Raid configurable



Performance	
Data buffer	128 MB (2TB) 256 MB (4TB, 6TB, 8TB, 10TB) 12 MB (12TB, 14TB, 16TB, 18TB)
Rotational speed (RPM)	7200
Latency average, (ms)	4.16
Interface	SATA 6Gb/s
Interface transfer rate (MB/s, max)	600

Reliability	
Load/Unload cycles (at 40°C)	600,000
MTBF (M hours)	2.0 (2TB,4TB,6TB,8TB,10TB) 2.5 (12TB,14TB)
Availability (hrs/day x days/wk)	24x7

Power	
Requirement	+5V,+12V
Operating (W, typical)	8.1 (2TB) 7.0 (4TB,6TB) 8.8 (8TB) 9.2 (10TB) 6.8 (12TB) 6.0 (14TB) 6.5 (16TB,18TB)
Idle (W)	5.9 (2TB) 5.9 (4TB,6TB) 7.4 (8TB) 8.0 (10TB) 5.0 (12TB) 5.5 (14TB) 5.6 (16TB, 18TB)

Physical size	
Drive type	3.5 inch Internal hard drive
z-height (mm)	26.1
Dimensions (width x depth, mm)	101.6 x 147
Weight (g)	640 (2TB) 715 (4TB, 6TB, 8TB) 750 (10TB) 690 (14TB, 16TB, 18TB)

Environmental (operating)	
Ambient temperature	5° to 60° C

Environmental (non-operating)	
Ambient temperature	-40° to 70° C

Pro video server storage	NVH-92TB	NVH-94TB	NVH-96TB	NVH-98TB
(incl. assembly and config)	2TB	4TB	6TB	8TB

	NVH-910TB	NVH-912TB	NVH-914TB	NVH-916TB	NVH-918TB
	10TB	12TB	14TB	16TB	18TB

RELATED



VDG NVH-2608XR

Video server 19", 2U, 8 bay HS, Xeon, SSD, RAID, RPSU



VDG NVH-2524XR

Video server 19", 4U, 24 bay HS, Xeon, SSD, RAID, RPSU



VDG NVH-1101

Video client, i7, SSD (desktop/tower)



VDG NVH-2004

Video client, 19", 2u, 2 bays, i7, SSD.



VDG NVH-1004X

Video server 19", 1U, 4 bay HS, Xeon, SSD
