NVH PRO SERVER STORAGE

Professional server storage for the most demanding storage environments.

DESCRIPTION

VDG's Professional video server storage hard drives are available from 2Tb up to 20TB capacities to suit even the most demanding needs.

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

Performance-optimized disks for heavy application workloads

Can be used in all NVH hardware

Raid configurable
(RAID0,1,10,5,50,6,60)

Performance

Data buffer	128 MB (2TB)	256 MB (4TB, 6TB, 8TB, 10TB)	512 MB (12TB, 14TB, 16TB, 18TB, 20TB)
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,20TB)
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,20TB)

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, 20TB)

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	NVH-920TB	NVH-922TB
	10TB	12TB	14TB	16TB	18TB	20TB	

RELATED

VDG NVH-2608XR
Video server 19", 2U, 8 bay HS, Xeon, SSD, RAID, RPSU

VDG NVH-1101
Video client, Intel Core Desktop Processor, SSD (desktop/tower)

VDG NVH-2004
Video client, 19", 2u, 2 bays, Intel Core Desktop Processor, SSD.

VDG NVH-1004X
Video server 19", 1U, 4 bay HS, Xeon, SSD