TOSHIBA

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			
Interface	SATA 6Gb/s			
Reliability				
MTBF (Mill hours)	1.4 (2TB) 2.0 (4TB,6TB,8TB), 2.5 mill(10TB,12TB,14TB,16TB,18TB,20TGB)			
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)	7.0(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)	6.1 (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				
Product codes	NVH-92TB NVH-94TB NVH-96TB NVH-98TB NVH-910TB NVH-912TB			
	NVH-914TB NVH-916TB NVH-918TB NVH-920TB NVH-922TB			
HS Code	84717050			

RELATED



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



VDG NVH-1101
Video client, Intel Core i5 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