

# 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**

|         |          |
|---------|----------|
| 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

---