ENCRYPTED SERVER STORAGE

Encypted Pro server storage for the most demanding storage environments.

DESCRIPTION

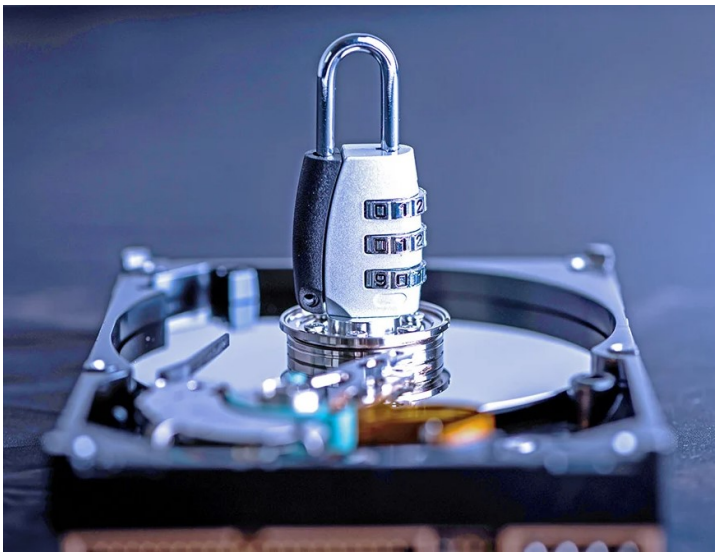
VDG's Encrypted Professional video server storage hard drives offer up to 18TB capacities to suit even the most demanding needs. This (SED) Self Encrypting Drive helps protect end user data with encryption. If you remove a self-encrypting drive from its storage system or the server in which it is housed, the data on that drive is encrypted and useless to anyone who attempts to access it without the appropriate security authorization.

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.

Must be bought in combination with NVH-CRYPT.

FEATURES

- Professional encrytion drive
- Can be used in all servers (1 to 48hard drives)
- Raid configurable



Performance				
Encryption Type	SED Self Encrypting Drive			
Data buffer	128 MB (2TB)			
	256 MB (4TB, 6TB, 8TB, 10TB)			
	512 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-CRYB**	**NVH-94TB-CRYB**	**NVH-96TB-CRYB**	
(incl. assembly and config)	2TB	4TB	6TB	
	NVH-98TB-CRYB	**NVH-910TB-CRYB**	**NVH-912TB-CRYB**	
	8TB	10TB	12TB	
	NVH-914TB-CRYB	**NVH-916TB-CRYB**	**NVH-918TB-CRYB**	
	14TB	16TB	18TB	