

Hitachi Hard Drive Specification

V

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E

Range of Hitachi hard drives for use with the VDR8HD and 3GDVR. Available in 500GB size only.



HDHIT500GB

Interface	SATA 6GB/s NCQ
Capacity	500gb
Sector size (variable, Bytes/Sector)	512e
Recording Zones	30
Max Areal Density (Gbit/sq. In.)	630
Data Buffer	32MB
Rotational Speed (RPM)	7200
Latency Average (ms)	4.2
Media Transfer Rate (Mbits/sec, max)	1369
Interface Transfer Rate (MB/sec, Max)	600
Seek Time (read, ms, typical)	13
Load / Unload Cycles	600,000
Acoustics (Bels)	2.3
Operational (Bels, Typical)	2.4
Power Requirement	+5VDC (+-5%)
Power Usage	5.5W (Peak Max) / 1.8W (Read / Write) / 1.7W (Idle)
Shock (half-sine wave) Operating / Non Operating	400G/2ms, 225G/1ms / 1000G/1ms
Overall Dimensions	70mm x 100mm x 7mm
Max Weight	95 grams
Operating Temperature / Storage Temperature	0°C to +60°C / -40°C to +65°C