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Informacije o proizvodu (EN)

SEAGATE hard disk 500GB ST3500312CS Slim

Tehnoteka je online destinacija za upoređivanje cena i karakteristika bele tehnike, potrošačke elektronike i IT uređaja kod trgovinskih lanaca i internet prodavnica u Srbiji. Naša stranica vam omogućava da istražite najnovije informacije, detaljne karakteristike i konkurentne cene proizvoda.

Posetite nas i uživajte u ekskluzivnom iskustvu pametne kupovine klikom na link:

https://tehnoteka.rs/p/seagate-hard-disk-500gb-st3500312cs-slim-akcija-cena/

Video 3.5 HDD

Data Sheet

Cool. Quiet. Low-Power Video Performance.

- Optimized for high-definition consumer DVR applications
- Low power and fine-tuned for consistent, dependable delivery of multiple high-definition video streams with capacities from 250GB to 4TB
- Designed to meet Energy Star and other strict consumer power consumption standards
- Quiet drive operation to enhance customer viewing and listening experiences
- Easy-to-manage multi-room video delivery of up to 16 simultaneous HD streams
- Qualified for operating temperatures up to 75°C to meet the rigors of the consumer electronics set-top box market
- 24×7 operational profile to meet the always-on demands on the DVR market

Best-Fit Applications

- Consumer digital video recorders
- Media servers and centers
- Home theater PCs and servers
- Cable, satellite and IPTV set-top boxes

Video 3.5 HDD

Specifications	4TB[1]	3TB[1]	2TB[1]	1TB[1]	500GB[1]	320GB[1]	250GB[1]
Model Number	ST4000VM000	ST3000VM002	ST2000VM003	ST1000VM002	ST3500312CS	ST3320311CS	ST3250312CS
Model Name	Video 3.5 HDD	Video 3.5 HDD	formerly Pipeline HD®	formerly Pipeline HD	formerly Pipeline HD	formerly Pipeline HD	formerly Pipeline HD
Interface	SATA 6Gb/s NCQ	SATA 6Gb/s NCQ	SATA 6Gb/s NCQ	SATA 6Gb/s NCQ	SATA 3Gb/s NCQ	SATA 3Gb/s NCQ	SATA 3Gb/s NCQ
Performance							
Cache, Multisegmented (MB)	64	64	64	64	8	8	8
SATA Transfer Rates Supported (Gb/s)	6.0/3.0/1.5	6.0/3.0/1.5	6.0/3.0/1.5	6.0/3.0/1.5	3.0/1.5	3.0/1.5	3.0/1.5
Simultaneous SDTV Streams Supported (Assumes 256K host buffer per stream)	20	20	20	20	10	10	10
Simultaneous HDTV Streams Supported (Assumes 2MB host buffer per stream)	16	16	16	16	10	10	10
Power-On to Ready (typical, sec)	<17	<17	<17	<6	<12	<12	<12
Standby to Ready (typical, sec)	<17	<17	<17	<6	<12	<12	<12
Voltage							
Voltage Tolerance (Including Noise)	5V ± 5% 12V ± 10%	5V ± 5% 12V ± 10%	5V ± 5% 12V ± 10%	5V ± 5% 12V ± 10%	5V ± 5% 12V ± 10%	5V ± 5% 12V ± 10%	5V ± 5% 12V ± 10%
Environmental							
Halogen Free	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ambient Temperature (°C) Operating (ambient min) Operating (drive case max) Nonoperating (ambient min) Nonoperating (ambient max)	 0 75 –40 70	 0 75 –40 70	 0 75 –40 70	 0 75 –40 70	 0 75 –40 70	 0 75 –40 70	 0 75 –40 70
Temperature Gradiant, Operating/Nonoperating (°C per hour max)	20/30	20/30	20/30	20/30	20/30	20/30	20/30
Relative Humidity, Operating/Nonoperating (non-condensing, %)	5 to 90/5 to 95	5 to 90/5 to 95	5 to 95/5 to 95	5 to 95/5 to 95	5 to 95/5 to 95	5 to 95/5 to 95	5 to 95/5 to 95
Wet Bulb Temperature, Operating/Nonoperating (°C)	30/40	30/40	37.7/40.0	37.7/40.0	37.7/40.0	37.7/40.0	37.7/40.0
Shock Operating (max, Gs) Nonoperating: @ 2ms (max, Gs)	 80 (@ 10ms) 300	 80 (@ 10ms) 300	 80 (@ 2ms) 300	 80 (@ 2ms) 350	 70 (@ 2ms) 350	 70 (@ 2ms) 350	 70 (@ 2ms) 350
Vibration, Operating 5Hz to 22Hz (limited displacement) (Gs) 22Hz to 350Hz (Gs) 350Hz to 500Hz (Gs)	 0.25 0.50 0.25	 0.25 0.50 0.25	 0.25 0.50 0.25	 0.25 0.50 0.25	 0.50 0.50 0.25	 0.50 0.50 0.25	 0.50 0.50 0.25
Vibration, Nonoperating 5Hz to 350Hz (Gs) 350Hz to 500Hz (Gs)	 3.0 3.0	 3.0 3.0	 3.0 3.0	 3.0 3.0	 5.0 1.0	 5.0 1.0	 5.0 1.0
Power Management							
Startup Current (12V typical, A)	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Consumer Storage Profile (W)	7.50	7.50	5.05	3.7	3.4	3.4	3.4
Idle Average (W)	5.0	5.0	3.74	2.5	3.0	3.0	3.0
Standby/Sleep Mode (typical, W)	0.75	0.75	0.819	0.8	0.7	0.6	0.7
Acoustics							
PVR Profile (typical/max, bels)	2.3/2.5	2.3/2.5	2.3/2.4	1.9/2.1	1.9/2.0	1.9/2.0	1.9/2.0
Reliability							
Load/Unload Cycles (25°C, 50% relative humidity)	300,000	300,000	300,000	300,000	—	—	—
Nonrecoverable Read Errors per Bits Read	1 sector per 10E14	1 sector per 10E14	1 sector per 10E14	1 sector per 10E14	1 sector per 10E14	1 sector per 10E14	1 sector per 10E14
Annualized Failure Rate (AFR)	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%
Power-On Hours	8760	8760	8760	8760	8760	8760	8760
Dimensions							
Height (mm/in)	26.11/1.028	26.11/1.028	26.10/1.028	20.20/0.795	20.20/0.795	20.20/0.795	20.20/0.795
Width (mm/in)	101.6/4.0	101.6/4.0	101.60/4.0	101.60/4.0	101.85/4.010	101.85/4.010	101.85/4.010
Depth (mm/in)	146.99/5.787	146.99/5.787	147.0/5.78	147.0/5.78	146.99/5.787	146.99/5.787	146.99/5.787
Weight (g/lb)	610/1.345	610/1.345	535/1.18	415/0.915	415/0.915	415/0.915	415/0.915
Carton Unit Quantity	20	20	20	25	25	25	25
Cartons per Pallet	40	40	40	40	40	40	40
Cartons per Layer	8	8	8	8	8	8	8

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to drive capacity.

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Za najnovije informacije o ceni, dostupnim akcijama i tehničkim karakteristikama proizvoda koji se pominje u ovom dokumentu, molimo posetite našu stranicu klikom na sledeći link:

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