

## Informacije o proizvodu

SEAGATE hard disk 8TB ST8000VE001



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-8tb-st8000ve001-akcija-cena/>



3.5 HARD DRIVE DATA SHEET

Smart. Safe. Secure.  
Surveillance Optimised and Edge Ready



Seagate® SkyHawk™ AI 18 TB is a surveillance-optimised drive designed for NVRs with artificial intelligence (AI) for edge applications.



### Best-Fit Applications

- Network video recorders (NVR)
- AI-enabled NVR systems



SKYHAWK  
HEALTH



## Key Advantages

**ImagePerfect™ AI firmware** delivers zero dropped frames while supporting heavier workloads.

**Versatile capabilities** intelligently adapt to the scale of your AI environment, supporting up to 64 HD video streams and 32 AI streams.

**Rest easy with three years of Rescue Data Recovery Services**, offering an industry-leading 90% success rate against unexpected data loss from power outages, natural disasters, user error, viruses and more.

**SkyHawk Health Management** actively helps protect your surveillance storage by focusing on prevention, intervention, and recovery options.<sup>1</sup> Included RAID RapidRebuild™ provides 3x faster volume rebuilds.

**Higher reliability** with 2M hours MTBF and a 550 TB/year workload rate for more than 3x that of standard surveillance hard drives.

**Powerful processing** to welcome workload challenges — SkyHawk AI supports video analysis and recording simultaneously with GPU analytics workloads.

**Enjoy consistent performance** with built-in rotational vibration sensors providing reliable storage for NAS with little lag or downtime.

**Multi-bay support** helps you meet your growing storage demands with up to 16+ bays.

<sup>1</sup> Contact your Seagate sales representative for further information.



Specifications	18 TB	16 TB	14 TB	12 TB	10 TB
Capacity	18TB	16TB	14TB	12TB	10TB
Standard Model Numbers	ST18000VE002	ST16000VE002	ST14000VE0008	ST12000VE001	ST10000VE0008
Interface	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Recording Technology	CMR	CMR	CMR	CMR	CMR
Drive Design	Helium	Helium	Helium	Helium	Helium
<b>Features and Performance</b>					
Drive Bays Supported	16+	16+	16+	16+	16+
AI Channels	32	32	32	32	32
AI Real Time Capture Events/Sec <sup>1,2</sup>	Up to 120	Up to 120	Up to 120	Up to 120	Up to 120
AI Real Time Compare Events/Sec <sup>1,2</sup>	Up to 96	Up to 96	Up to 96	Up to 96	Up to 96
HD Cameras Supported <sup>3</sup>	Up to 64	Up to 64	Up to 64	Up to 64	Up to 64
RV Sensors	Yes	Yes	Yes	Yes	Yes
Max. Sustained Transfer Rate OD (MB/s)	260MB/s	250MB/s	250MB/s	250MB/s	250MB/s
Cache (MB)	256	256	256	256	256
<b>Reliability/Data Integrity</b>					
Tarnish Resistant	Yes	Yes	Yes	Yes	Yes
Load/Unload Cycles	300,000	300,000	300,000	300,000	300,000
Non-recoverable Read Errors Rate, Max	1 per 10E15	1 per 10E15	1 per 10E15	1 per 10E15	1 per 10E15
Power-On Hours per year	8,760	8,760	8,760	8,760	8,760
Workload Rate Limit (WRL) <sup>4</sup>	550	550	550	550	550
Mean Time Between Failures (MTBF) (hours)	2,000,000 hr	2,000,000 hr	2,000,000 hr	2,000,000 hr	2,000,000 hr
Warranty, Limited (years) <sup>5</sup>	3	3	3	3	3
Rescue Data Recovery Services (years) <sup>6</sup>	3	3	—	3	3
<b>Power Management</b>					
Startup Current, Typical (12V, A)	2	1.8	1.8	1.8	1.8
Average Operating Power (W)	8 W	6.71 W	6.9 W	6.9 W	6.9 W
Idling Average (W)	5.3 W	5.1 W	4.9 W	4.9 W	4.9 W
Standby Mode/Sleep Mode, Typical (W)	1.3/1.3	1.05/1.05	1.2/1.2	1.2/1.2	1.2/1.2
Voltage Tolerance (5 V)	±5%	±5%	±5%	±5%	±5%
Voltage Tolerance (12 V)	±10%	±10%	±10%	±10%	±10%
<b>Environmental/Temperature</b>					
Operating (ambient, min °C)	0	5	5	5	5
Operating (drive case, max °C) <sup>7</sup>	65	70	70	70	70
Non-operating (ambient, min °C)	-40	-40	-40	-40	-40
<b>Physical</b>					
Height (mm/in, max)	26.11 mm/1.028 in	26.11 mm/1.028 in	26.11 mm/1.028 in	26.11 mm/1.028 in	26.11 mm/1.028 in
Width (mm/in, max)	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in	101.85 mm/4.01 in
Depth (mm/in, max)	146.99 mm/5.787 in	146.99 mm/5.787 in	146.99 mm/5.787 in	146.99 mm/5.787 in	146.99 mm/5.787 in
Weight (g/lb, typical)	670 g/1.477 lb	670 g/1.477 lb	690 g/1.521 lb	690 g/1.521 lb	690 g/1.521 lb
Carton Unit Quantity	20	20	20	20	20
Cartons per Pallet / Cartons per Layer	40/8	40/8	40/8	40/8	40/8

1 Events can be human, vehicle, or object capture.

2 Tested and verified using embedded AI NVR – 64-ch HD recording, 16-ch PB. Average picture size ~250 KB

3 1080P, H.265, 25 fps

4 SkyHawk AI surveillance drives are designed for always-on workloads of 550 TB/year. For higher transaction workloads, see Seagate's enterprise-class drive offerings.

5 Extended warranty options available. Consult your distributor for details.

6 From May 1, 2020, 3-year Rescue Data Recovery Services plan may be offered in addition to standard warranty. This is offered for selected regions only. Check with reseller on availability.

7 Seagate does not recommend operating at sustained extreme temperatures. Operating at higher temperatures will reduce useful life of the product.



Specifications	8 TB
Capacity	8TB
Standard Model Numbers	ST8000VE001
Interface	SATA 6 Gb/s
Recording Technology	CMR
Drive Design	Air
<b>Features and Performance</b>	
Drive Bays Supported	16+
AI Channels	32
AI Real Time Capture Events/Sec <sup>1,2</sup>	Up to 120
AI Real Time Compare Events/Sec <sup>1,2</sup>	Up to 96
HD Cameras Supported <sup>3</sup>	Up to 64
RV Sensors	Yes
Max. Sustained Transfer Rate OD (MB/s)	235MB/s
Cache (MB)	256
<b>Reliability/Data Integrity</b>	
Tarnish Resistant	Yes
Load/Unload Cycles	300,000
Non-recoverable Read Errors Rate, Max	1 per 10E15
Power-On Hours per year	8,760
Workload Rate Limit (WRL) <sup>4</sup>	550
Mean Time Between Failures (MTBF) (hours)	2,000,000 hr
Warranty, Limited (years) <sup>5</sup>	3
Rescue Data Recovery Services (years) <sup>6</sup>	3
<b>Power Management</b>	
Startup Current, Typical (12V, A)	1.8
Average Operating Power (W)	8.73 W
Idling Average (W)	7.5 W
Standby Mode/Sleep Mode, Typical (W)	0.96/0.96
Voltage Tolerance (5 V)	+10%/-5%
Voltage Tolerance (12 V)	±10%
<b>Environmental/Temperature</b>	
Operating (ambient, min °C)	5
Operating (drive case, max °C) <sup>7</sup>	70
Non-operating (ambient, min °C)	-40
<b>Physical</b>	
Height (mm/in, max)	26.11 mm/1.028 in
Width (mm/in, max)	101.85 mm/4.01 in
Depth (mm/in, max)	146.99 mm/5.787 in
Weight (g/lb, typical)	716 g/1.579 lb
Carton Unit Quantity	20
Cartons per Pallet / Cartons per Layer	40/8

<sup>1</sup> Events can be human, vehicle, or object capture.

<sup>2</sup> Tested and verified using embedded AI NVR – 64-ch HD recording, 16-ch PB. Average picture size ~250 KB

<sup>3</sup> 1080P, H.265, 25 fps

<sup>4</sup> SkyHawk AI surveillance drives are designed for always-on workloads of 550 TB/year. For higher transaction workloads, see Seagate's enterprise-class drive offerings.

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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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