

Seagate IronWolf Pro ST10000NE000 internal hard drive 10 TB 7200 RPM 256 MB 3.5" Serial ATA III

Brand : Seagate

Product family: IronWolf Pro

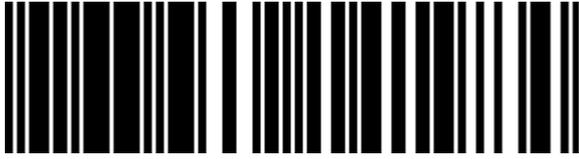
Product code: ST10000NE000

Product name :
ST10000NE000

- 7200 RPM spindle speed
 - Full-track multiple-sector transfer capability without local processor intervention
 - High instantaneous (burst) data-transfer rates (up to 600MB per second)
 - Native Command Queuing with command ordering to increase performance in demanding applications
 - Perpendicular recording technology provides the drives with increased areal density
 - PowerChoice™ for selectable power savings
 - SeaTools™ diagnostic software performs a drive self-test that eliminates unnecessary drive returns
 - State-of-the-art cache and on-the-fly error-correction algorithms
 - Support for S.M.A.R.T. drive monitoring and reporting
 - Supports latching SATA cables and connectors
 - Tarnish-resistant components to help protect drive from environmental elements, increasing field reliability
 - Worldwide Name (WWN) capability uniquely identifies the drive
- 3.5", 10TB, SATA, 7200 rpm, 256MB Buffer



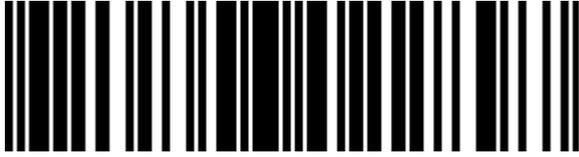
Features		Power	
HDD capacity *	10 TB	Power consumption (write)	10.09 W
HDD speed *	7200 RPM	Power consumption (idle)	7.76 W
Storage drive buffer size *	256 MB	Operating voltage	5 / 12 V
HDD size *	3.5"	Start-up current	1.8 A
Interface *	Serial ATA III	Operational conditions	
Type *	HDD	Operating temperature (T-T)	0 - 65 °C
Component for *	NAS	Storage temperature (T-T)	-40 - 70 °C
HDD interface transfer rate	6 Gbit/s	Operating relative humidity (H-H)	5 - 95%
HDD sustained transfer rate	229 MiB/s	Storage relative humidity (H-H)	5 - 95%
HDD number of heads	10	Operating altitude	-304.8 - 3048 m
Average latency	4.16 ms	Non-operating altitude	-304.8 - 12192 m
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁵ bits read	Operating shock	70 G
Start/stop cycles	600000	Non-operating shock	300 G
Native Command Queuing (NCQ)	✓	Weight & dimensions	
Workload rate limit	300 TB/year	Width	101.6 mm
Noise level (idle)	2.8 dB	Height	26.1 mm
Power		Depth	147 mm
Power consumption (standby)	0.96 W	Weight	720 g
Power consumption (off)	0.96 W	Logistics data	
Power consumption (read)	10.09 W	Harmonized System (HS) code	84717050



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