

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

HDD capacity *	10 TB
HDD speed *	7200 RPM
Storage drive buffer size *	256 MB
HDD size *	3.5"
Interface *	Serial ATA III
Type *	HDD
Component for *	NAS
HDD interface transfer rate	6 Gbit/s
HDD sustained transfer rate	229 MiB/s
HDD number of heads	10
Average latency	4.16 ms
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁵ bits read
Start/stop cycles	600000
Native Command Queuing (NCQ)	✓
Workload rate limit	300 TB/year
Noise level (idle)	2.8 dB

Power

Power consumption (standby)	0.96 W
Power consumption (off)	0.96 W
Power consumption (read)	10.09 W

Power

Power consumption (write)	10.09 W
Power consumption (idle)	7.76 W
Operating voltage	5 / 12 V
Start-up current	1.8 A

Operational conditions

Operating temperature (T-T)	0 - 65 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	5 - 95%
Storage relative humidity (H-H)	5 - 95%
Operating altitude	-304.8 - 3048 m
Non-operating altitude	-304.8 - 12192 m
Operating shock	70 G
Non-operating shock	300 G

Weight & dimensions

Width	101.6 mm
Height	26.1 mm
Depth	147 mm
Weight	720 g

Logistics data

Harmonized System (HS) code	84717050
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