

ST12000NT001

Seagate Ironwolf Pro 12TB 3.5" 7200rpm SATA 6Gb/s 256MB Cache NAS Hard Disk Drive

Product Overview

Seagate Ironwolf Pro 12TB 3.5" 7200rpm SATA 6Gb/s 256MB Cache NAS Hard Disk Drive, 550 TB/year, ST12000NT001, Unlimited Drive bays supported, CMR recording technology, 512e Sector size, 270MB/s Maximum sustained transfer rate OD



Specifications

Specifications:

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Specifications	
Product Code	ST12000NT001
Specifications	12TB
Capacity	12TB
Standard Model Number	ST12000NT001
Interface	SATA 6Gb/s
Features	
Drive Bays Supported	Unlimited
Recording Technology	CMR
Drive Design (Air or Helium)	Helium
Workload Rate Limit (WRL)	550
Rotational Vibration (RV) Sensors	Yes
Cache (MB)	256
Reliability/Data Integrity	
Mean Time Between Failures (MTBF, hours)	2500000

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Product Specification Sheet

Nonrecoverable Read Errors per Bits Read, Max	1 per 10E15
Power-On Hours (per year)	8760
Sector Size (Bytes per Logical Sector)	512E
Performance	
Spindle Speed (RPM)	7200
Interface Access Speed (Gb/s)	6.0, 3.0, 1.5
Max. Sustained Transfer Rate OD (MB/s)	270MB/s
Rotational Vibration @ 10-1500 Hz (rad/s)	12.5
Power Consumption	
Startup Current, Typical (12V, A)	2
Idle Power, Average (W)	5
Average Operating Power (W)	7.8W
Standby Mode, Typical (W)	1
Sleep Mode, Typical (W)	1
Power Supply Requirements	+12 V and +5 V
Environmental/Temperature	
Operating Temperature (ambient, min degreesC)	0
Operating Temperature (drive reported, max degreesC)	65
Nonoperating Temperature (ambient, min degreesC)	-40
Nonoperating Temperature (ambient, max degreesC)	70
Environmental/Acoustics	
Vibration, Nonoperating: 10Hz to 500Hz (Grms)	2.27
Acoustics, Idle (typical, measured in Idle 1 state) (dBA)	20
Acoustics, Seek (typical) (dBA)	26
Environmental/Shock	
Shock, Operating 2ms (Read/Write) (Gs)	50/50Gs
Shock, Nonoperating, 1ms and 2ms (Gs)	200
Physical	
Height (mm/in)	26.11mm/1.028in

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Product Specification Sheet

Width (mm/in, max)	101.85mm/4.01in
Depth (mm/in, max)	146.99mm/5.787in
Weight (g/lb, typical)	670g/1.477lb
Carton Unit Quantity	20
Cartons per Pallet/Cartons per Layer	40/8

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/ST12000NT001-Seagate-Ironwolf-Pro-12TB-3-5-7200rpm-Buy-p-277122.php>

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