Seagate 250GB IronWolf 125 SATA III 2.5" Internal SSD

$64.95

Product Images

INTENSE SPEED PURE STAMINA
World's first business NAS SSD, now with unrivaled endurance

TOUGH
Superior 1.8 million hours MTBF

EFFICIENT

Lower energy and cooling costs

ULTIMATE ENDURANCE

Lasts 3× longer in collaborative NAS environments

DATA RECOVERY INCLUDED

Rest easy with 3-year
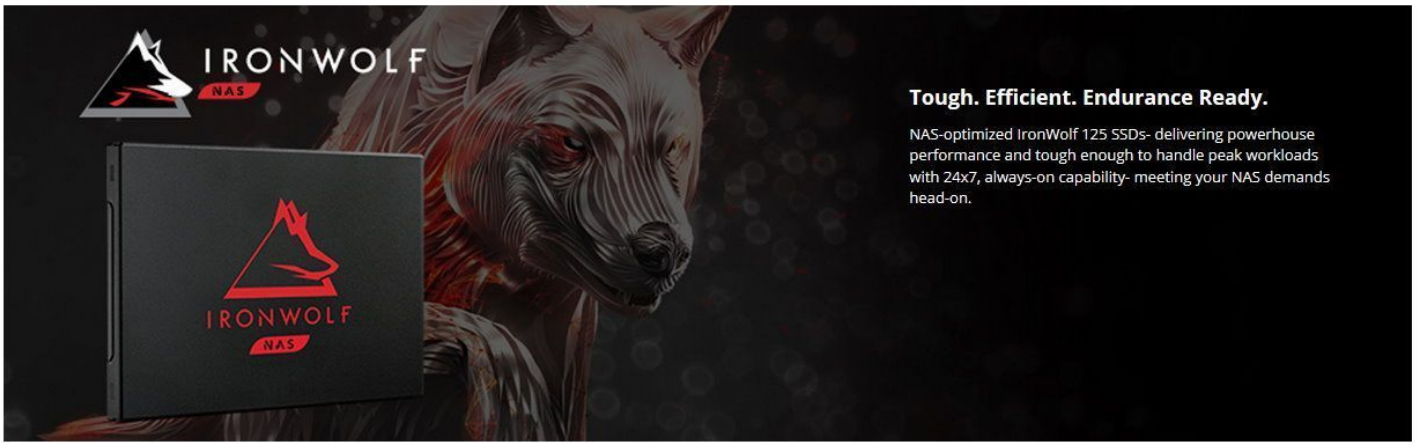Seagate Rescue Data Recovery Services

Short Description

Designed for heavy workloads and multi-user NAS environments, the 250GB IronWolf 125 SATA III 2.5" Internal SSD from Seagate delivers powerhouse performance with 24/7, always-on capabilities. Compatible with Windows 10, 8.1, and Unix, this 250GB SSD has been equipped with a SATA III 6 Gb/s interface, a 2.5" / 7mm form factor, sustained sequential read speeds of up to 560 MB/s, and sustained sequential write speeds of up to 540 MB/s.

Description

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Best Fit Applications

- High endurance NAS arrays
- All-flash and desktop NAS arrays
- Creative pro, SMB, and SME
- Media servers
- SSD cache in a compatible NAS array
- Home and SOHO NAS applications
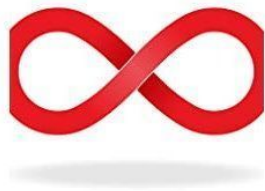
Tough. Efficient. Endurance Ready.

NAS-optimized IronWolf 125 SSDs- delivering powerhouse performance and tough enough to handle peak workloads with 24x7, always-on capability- meeting your NAS demands head-on.

Why Choose IronWolf 125?

NAS Trusted

Guaranteed compatibility with leading NAS vendors, such as QNAP and Asustor.
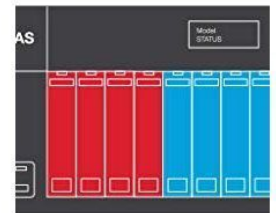

High Endurance

Powerhouse SSDs for medium workloads in multi-user NAS home environments.

Three-Year Recovery Plan

Covers user error, data corruption, fire, and flood damage.

Performance or SSD Cache

Provides better endurance and performance.

Who's Using It?

CONNECTED HOMES

Enjoy silent operation and low power while managing all data backup and streaming media.

CREATIVE PROFESSIONALS
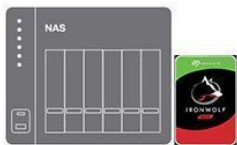
Protect and deliver your media-rich assets.

SMALL OFFICE HOME OFFICE

Enjoy high endurance and a three-year Rescue Data Recovery Services plan.

Optimized for NAS AFA or Cache Tiering

THE HARD DRIVE APPROACH

Store More Data

Get up to 18TB of space per drive

Reduce Costs

Perfect for stringent budgets

Ideal For

24×7 remote access, backup, and file sharing

THE SSD APPROACH

Lower Latency

Back up and stream data faster

Reduce Noise and Vibration

SSDs operate silently in desktop NAS

Ideal For

24×7 use, AFA, and cache tiering

THE HYBRID APPROACH

Raise Efficiency

Hybrid caching lowers TCO

Get the Best of Everything

Benefit from HDD space and SSD speed

Ideal For

Max caching, capacity, and performance

Features

General Features

High Endurance

Powerhouse SSD endurance and performance designed for heavy workloads and multi-user NAS environments

IronWolf Health Management

Built-in data protection monitors your drive health in a compatible NAS, notifying you to intervene before a catastrophic event occurs

Data Recovery

Rest easy with three years of Seagate Rescue Data Recovery Services, which helps protect against unexpected data loss from power outages, natural disasters, user error, viruses, and more

Limited 5-Year Warranty

Enjoy long-term peace of mind with the included five-year limited product warranty

Specifications

Seagate IronWolf 125 SSD Specs

Storage

Drive Capacity	250.00 GB

Performance

Interface	SATA III (6 Gb/s)
Random Read Speed	95,000 IOPS (4 KB Files)
Random Write Speed	90,000 IOPS (4 KB Files)
Sequential Read Speed	560 MB/s (128 KB Files)
Sequential Write Speed	540 MB/s (128 KB Files)

Physical

Drive Type	SSD
Form Factor	2.5" (7 mm)

HDD Specs

Flash Memory Type	Tri-Level Cell (TLC)

Reliability / Data Integrity

Endurance (Total Bytes Written)	700 TB
Mean Time Between Failures (MTBF)	1.8 Million Hours
Non-Recoverable Read Errors per Bits Read	1 in 10^{17}

Electrical

Power Draw	2.3 W (Max) 115.00 mW (Idle) 5.0 mW (Standby)
Supported Voltage	5 VDC

Environmental

Storage Shock	1500 G / 0.5 ms
Operating Temperature	32 to 158°F / 0 to 70°C
Storage Temperature	-40 to 185°F / -40 to 85°C

General

Dimensions (W x H x D)	2.76 x 0.28 x 3.95" / 70.1 x 7.1 x 100.35 mm
Weight	0.11 lb / 50 g
Warranty Length	Limited 5-Year Warranty

Packaging Info

Package Weight	0.21 lb
Box Dimensions (LxWxH)	5.3 x 4.3 x 1.1"

Additional Information

Brand	Seagate
SKU	ZA250NM1A002
Weight	1.5000
Color	Black
Storage Type	SSD
Storage Form Factor	2.5"
Storage Capacity	250 GB