DATA SHEET

Uncompromised Endurance. Unparalleled Performance.

IronWolf Pro 125 SSD



NAS-optimised Seagate® IronWolf® Pro 125 SSDs — offering blistering performance, power loss data protection, and multi-user workload support capable of 1 DWPD.



Best-Fit Applications

- Ultra high endurance NAS
- All-flash array and desktop NAS
- Creative pro, SMB, and SME
- Media server
- SSD cache in enabled NAS

Rescue DATA RECOVERY SERVICES

Key Advantages

High Endurance: 1 DWPD delivers endurance and performance, offering the ideal SSD solution for 24×7, multi-user NAS environments

Power Loss Data Protection: Enjoy peace of mind during a power loss knowing your data can stay safe

IronWolf Health Management: Embedded software monitors your SSD NAS drive health in compatible NAS, notifying you to intervene before a catastrophic event occurs

Data Recovery: Rest easy with three years of Rescue Data Recovery Services, offering an industry-leading 95% success rate against unexpected data loss from power outages, natural disasters, user error, viruses and more

Wide Range of Capacity Options: Choose from an extensive portfolio of capacities, including 240 GB, 480 GB, 960 GB, 1.92 TB, and 3.84 TB

Warranty: Enjoy long-term peace of mind with the included five-year limited warranty protection plan and three-year Rescue Services

IRONWOLF NAS



Specifications					
Capacity	3.84 TB	1.92 TB	960 GB	480 GB	240 GB
Standard Model	ZA3840NX10001	ZA1920NX10001	ZA960NX10001	ZA480NX10001	ZA240NX10001
Features					
Interface	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
NAND Flash Type	3D TLC	3D TLC	3D TLC	3D TLC	3D TLC
Form Factor	2.5 in × 7 mm	2.5 in × 7 mm	2.5 in × 7 mm	2.5 in × 7 mm	2.5 in × 7 mm
Performance					
Sequential Read (MB/s) Sustained, 128 KB QD32[1]	545	545	545	545	545
Sequential Write (MB/s) Sustained, 128 KB QD32[1]	520	520	520	500	360
Random Read (IOPS) Sustained, 4 KB QD32[1]	96,000	96,000	96,000	96,000	90,000
Random Write (IOPS) Sustained, 4 KB QD32[1]	30,000	30,000	25,000	16,000	12,000
Endurance/Reliability					
Total Bytes Written (TB)	7,000	3,500	1,750	875	435
Non-recoverable Read Errors per Bits Read	1 per 10E17	1 per 10E17	1 per 10E17	1 per 10E17	1 per 10E17
Mean Time Between Failures (MTBF, hours)	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Rescue Data Recovery Services[2]	Yes	Yes	Yes	Yes	Yes
Warranty, Limited (years)	5	5	5	5	5
Power Management					
Power Supply	5V	5V	5V	5V	5V
+5V Active Max Average Power (W)	5.0	4.4	4.0	3.0	2.5
Max Average Idle Power (W)	1.9	1.8	1.6	1.4	1.4
Environmental					
Temperature, Operating Internal (°C)	0 to 70	0 to 70	0 to 70	0 to 70	0 to 70
Temperature, Non-operating (°C)	–40 to 85	–40 to 85	–40 to 85	–40 to 85	–40 to 85
Shock, Non-operating: 0.5 ms (Gs)	1,500	1,500	1,500	1,500	1,500
Physical					
Height (in/mm, max)	0.27 9in/7.10 mm	0.279 in/7.10 mm	0.279 in/7.10 mm	0.279 in/7.10 mm	0.279 in/7.10 mm
Width (in/mm, max)	2.760 in/70.10 mm	2.760 in/70.10 mm	2.760 in/70.10 mm	2.760 in/70.10 mm	2.760 in/70.10 mm
Depth (in/mm, max)	3.950 in/100.35 mm	3.950 in/100.35 mm	3.950 in/100.35 mm	3.950 in/100.35 mm	3.950 in/100.35 mm
Weight (lb/g)	0.136 lb/62g	0.132 lb/60g	0.130 lb/59g	0.123 lb/56g	0.121 lb/55g

1 Performance data is based on testing under certain workload conditions and is subject to change.

2 Three-year Rescue Data Recovery Services not available in all countries. Contact your Seagate sales representative for further details.

IRONWOLF NAS



Ordering Information				
Specifications				
Retail Packaging		Box Dimensions	Master Carton Dimensions	Pallet Dimensions
Depth/Length (in/mm)		0.95 in/24 mm	6.03 in/153 mm	48 in/1219 mm
Width (in/mm)		4.3 in/109 mm	11.5 in/292 mm	20 in/508 mm
Height (in/mm)		6.11 in/155 mm	5.6 in/140 mm	28 in/706 mm
Weight (lb/kg),		0.38 lb/0.17 kg	4.2 lb/1.9 kg	148 lb/67.28
Quantities				
Boxes per Master Carton	10			
Master Cartons per Pallet	48			
Pallet Layers	4			

System Requirements

- SATA 6 Gb/s or SATA 3 Gb/s port
- Windows® 10, Windows 8.1
- Linux

What's Included

- Seagate® IronWolf® Pro 125 SSD

Region	Model Number	Capacity	Limited Warranty (years)	UPC Code	EAN Code	Multi-Pack UPC
WW	ZA3840NX1A001	3.84TB	5	763649146989	8719706027250	10763649146986
WW	ZA1920NX1A001	1.92TB	5	763649146972	8719706027243	10763649146979
WW	ZA960NX1A001	960GB	5	763649146965	8719706027236	10763649146962
WW	ZA480NX1A001	480GB	5	763649146958	8719706027229	10763649146955
WW	ZA240NX1A001	240GB	5	763649146941	8719706027212	10763649146948

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