

WD SiliconDrive® N1x

Overview

Advanced Wear-Leveling

Lengthens drive life and preserves drive speed with a combination of dynamic and static wear-leveling algorithms designed to overcome performance degradation issues occurring in traditional SSDs that result from continual heavy use.

Advanced Error Correction

Enables error free data transmission by deploying advanced error correction technologies to detect and correct errors resulting from signal noise or other kinds of interference that causes data distortion.

Speed Assurance

Maintains SSD speed without performance degradation whether the drive is new or has been in service for years. Integrated features assure consistent performance with no external refresh utility, media over-provisioning, or forced idle times used by traditional SSDs.

Native Command Queuing (NCQ)

Increases the performance of SATA drives by placing read / write commands in the optimal sequential order for the fastest execution.

Data Integrity Protection

Prevents data loss from unexpected power loss during write operations to ensure data integrity and availability.

ATA SMART Commands

Self-Monitoring Analysis and Reporting Technologies (SMART) detect and warn when an SSD needs replacement.

Mean Time Between Failure (MTBF)

MTBF >1.400.000 hours.

PRODUCT HIGHLIGHTS

- Fast data transfer
- Low power consumption
- High tolerance to shock and vibration
- Low total cost of storage ownership



Contact

altec ComputerSysteme GmbH
Bayernstrasse 10 · 30855 Langenhagen · Germany
Phone: +49 (0)511 98381-0 · Fax: +49 (0)511 98381-49
eMail: info@altec-cs.com
Web: www.altec-cs.com

ISO 9001:2000 certified



altec
Easy Perfection

WD SiliconDrive® N1x

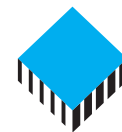
Overview



WD SiliconDrive® N1x



Form Factor	2.5"
Interface	SATA (3 GB/s)
Max. R/W Speed	240/140 MBytes/s
Capacity Range	32GB to 128GB
LifeEST™	Standard
SMART	Standard
NCQ	Standard
Speed Assurance	Standard



altec
Easy Perfection

altec ComputerSysteme GmbH
Bayernstrasse 10 · 30855 Langenhagen · Germany
Phone: +49 (0)511 98381-0 · Fax: +49 (0)511 98381-49
eMail: info@altec-cs.com
Web: www.altec-cs.com