

Kaze

# Ninja *Kaze Version*

Versatile Hard Drive Service Tool



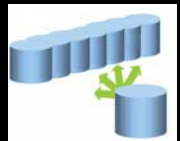
**HDD Test and Repair**



**Data Recovery**



**HDD Wipe (Erase)**

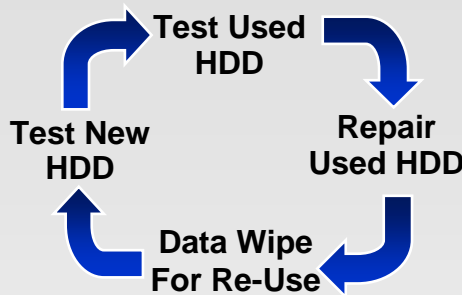


**HDD Duplication**

## Test, Wipe and Repair Functions

The Ninja-Kaze version is equipped with top-of-the-line functions for hard drive maintenance and recycling. It performs functions for every step of the HDD life cycle and is faster & more effective than software solutions.

- **SMART Tests**  
Test raw HDD SMART attributes for accurate integrity evaluation
- **Manufacturer Tests**  
Full range of test functions from 120 sec. to 120 min. according to manufacture specs
- **Bad Sector Repair**  
'Mask' or 'Clip' bad sectors to repair bad sectors and prolong HDD lifespan
- **HPA On/Off Control**  
Set/remove HPAs with 1 fast & easy function. Gain access to hidden areas and clip HDD capacity



**Complete HDD Life Cycle Management**

## Secure Data Destruction



- ✓ DoD 5220.22M
- ✓ NSA
- ✓ HIPPA
- ✓ ISO 17799
- ✓ British Standard 7799

The Ninja-Kaze Version wipes hard drives according to various data security standards at speeds unmatched by any software wiping utility

## Features:

- ❖ **Duplication**  
Data-Only Copy and Mirror-Copy options. Speed up to 4 GB per minute
- ❖ **Data Recovery**  
Recover data from damaged or unstable hard drives
- ❖ **HDD Test**  
Quick Test, SMART check, full HDD inspection, life cycle tests
- ❖ **Bad Sector Repair**  
Copy to DD Image File and verify with MD5 Hash algorithm.
- ❖ **Data Destruction**  
Compliant with DoD, HIPPA, NSA ISO 17799 and British Standard 7799
- ❖ **Universal Support**  
Supports any brand & model ATA or SATA I/II hard drive standard package supports 3.5" and 2.5" ATA, SATA I/II (adapters needed for other types)

\* Specifications subject to change without notice

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## Special Data Extraction Functions

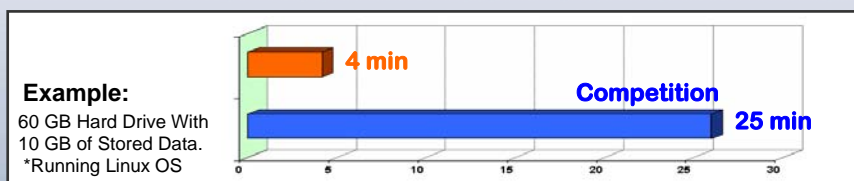
Our new Data Recovery Copy® function acquires data from unstable hard drives by reading damaged sectors and jumping unreadable sectors to acquire all usable data on a hard drive.

- 1) **Acquire Error-Sector Data** applies read-long command to acquire data from damaged HDD sectors that cannot be read by other data acquisition tools (UNC Errors)
- 2) **Skip Unstable Sectors** automatically jumps unreadable sectors to acquire maximum data using hardware and software HDD resets to maintain HDD integrity
- 3) **Adjustable Parameters** allows user to image HDD forward & backward, extend sector-read attempts, timeouts and power on/off time to maximize acquisition



**Must-Have Feature for Data Recovery**

## High Speed Duplication Functions



The Ninja is among the world's fastest HDD duplicators. It boasts 2 - 4 GB/min max copy speed and Data-Only Copy functions for any Operating System.

<b>HDD Interface</b>	SATA-I/II Native,* ATA/IDE Native, * Write Block for Suspect/Master Hard Drive
<b>HDD Ports</b>	Suspect (Master): 1 Target:1
<b>HDD Compatibility</b>	Any Manufacturer's HDD up to SATA – 144 PB Max., ATA (EIDE) 144 PTB Max.
<b>HDD Interface Mode</b>	Any IDE mode (ATA PIO0~2/UDMA0~6 mode). SATA I / II (300MB/s interface speed compatible)
<b>HD Power Control</b>	Adjustable Voltage +5V+/-5% (3.3V) , +12V+/-8%
<b>AC Power</b>	AC100~240V 50/60Hz (less than 2A)
<b>Dimensions</b>	W27 x D23 x H5 (mm)
<b>Weight</b>	2.4 lbs
<b>Option</b>	Adapters available for ATA HDD (3.5", 2.5", 1.8", 1"), SATA (2.5 inch)

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### Product Includes

- Ninja Main Unit
- AC Power Cable (G-100)
- Hard Drive (HD) Power Cable (Y-7110) (x2)
- ATA (EIDE) Interface Cable (Y-7030) (x2)
- SATA Interface Cable (Y-7050) (x2)
- 3.5 <-> 2.5 HDD Interface conversion PKG (J-6003) (x2)
- DC Connector Pullout Jig (Y-9030)
- PC Cover removal Jig
- PC Host Control Software (CD)

### For information, contact us at

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1 gigabyte = 1,000,000,000 bytes. Total capacity and speed vary depending on Hard Drive. Patent pending on mirror technology.

*\*Ask about our carry case option with accessories*



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