

# NINJA Kaze

Built-in Write Protection

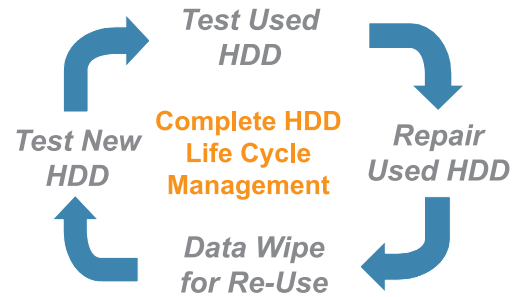


## Versatile Hard Drive Service Tool

### 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.

- 1 SMART Tests**  
Test raw HDD SMART attributes for accurate evaluation
- 2 Manufacturer Tests**  
Full range of test functions from 120 sec. to 120 min. according to manufacturer specs
- 3 Bad Sector Repair**  
"Mask" or "Clip" bad sectors to repair them and prolong HDD lifespan
- 4 HPA On/Off Control**  
Set/remove HPA at the push of a button. Gain access to hidden areas



### Secure Data Destruction

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

- ✓ DoD 5220.22M
- ✓ NSA
- ✓ Low Level Format
- ✓ Security Erase

### Special Data Extraction Functions

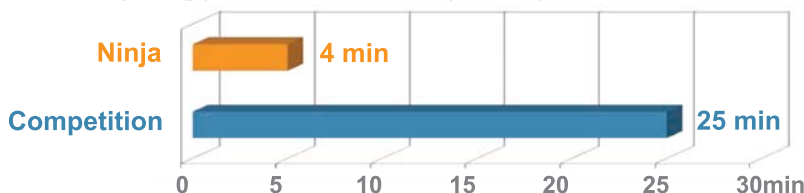
Our new Data Recovery Copy function acquires data from unstable hard drives by reading damaged sectors and jumping unreadable sectors to acquire all usable data.

- 1 Acquire Data from Unstable Sectors**  
Applies read-long command to acquire data from damaged HDD sectors that cannot be read by other data acquisition tools (UNC Errors)
- 2 Skip Unrecoverable 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, time-outs and power on/off time to maximize acquisition



### 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 file system.



Example:  
160 GB Hard Drive with 10 GB of Stored Data.  
\*Running Linux OS

## Features

- **Duplication**  
Data-Only Copy and Mirror-copy options. Speed up to 4 GB per minute
- **HDD Test**  
Quick Test, SMART check, full HDD inspection, life cycle tests
- **Data Recovery Copy**  
Recover data from damaged or unstable hard drives
- **Bad Sector Repair**  
Reallocate and Clip bad sectors to repair these sectors
- **Data Destruction**  
Compliant with DoD, NSA, Security Erase, Low-Level Format, etc.
- **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)

### Also Included:

- ✓ Free Updates for 12 Months
- ✓ Lifetime Customer Support
- ✓ 12 Month Warranty



\*Ask us about our carry case with accessories option

## Specifications

<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>Compatible HDD</b>	Any Manufacturer's HDD up to 144 PB (full 48-bit addressing support)
<b>Host Interface</b>	USB (For PC connection)
<b>HDD interface Mode</b>	Any ATA/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>Test Mode</b>	SMART Status Check, MFG Quick Test, MFG Extensive Test, Mechanical Components Test, Complete Platter Test, Read/Write/Verify, Random Seek Test
<b>Repair Mode</b>	Bad Sector Mask (HPA), Reassign Bad Sectors, Address mark Correction
<b>Wipe (Erase) Modes</b>	Low Level Format with specified HEX value, Multiple Time Overwrite with specified HEX value, DoD and NSA compliant data destruction
<b>Data Recovery Mode</b>	Quick Data Recovery Copy, Medium Data Recovery Copy, Long Data Recovery Copy, Quick Data Recovery Copy (reverse), Medium Data Recovery Copy (reverse), Long Data Recovery Copy (reverse)
<b>Duplication Mode</b>	Systems. <u>Smart Copy</u> : Data-Only Copy for Linux, OSX (Mac), Unix and others. <u>Data Recovery Copy</u> : Skip bad sectors. <u>Flexible Copy</u> : Control distribution of data on Target HDD platter. <u>Sector-to-Sector Copy</u> : Mirror copy w/CRC compare FS Map, <u>HPA Control</u> : HPA on/off/detect
<b>Dimensions</b>	W270 x D230 x H50 (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")

\*Specifications subject to change without notice. 1 gigabyte = 1,000,000,000 bytes. Total capacity and speed vary depending on Hard Drive. Patent pending on YEC mirror technology.

Package Includes: Ninja Kaze Main Unit, AC Power Cable, HDD Power Cable (Y-7111) x2, ATA(EIDE) Interface Cable (Y-7030) x2, SATA Interface Cable (Y-7052) x2, 2.5" ATA HDD Adapter (J-6003) x2, DC Connector Pullout Jig (Y-9030), PC Cover Removal Jig, PC Host Control Software CD