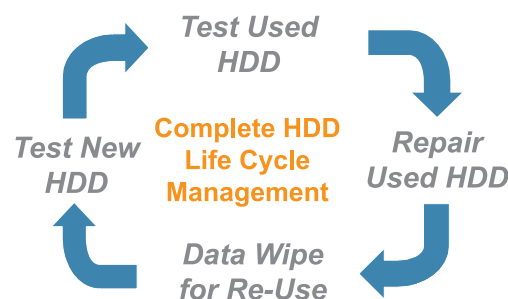


Versatile Hard Drive Service Tool

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

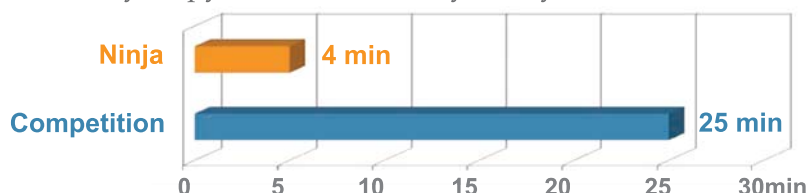
Our new Data Recovery Copy function acquires data from unstable hard drives by reading damaged sectors and jumping unreadable sectors to acquire all usable data.

- 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

HDD Interface	SATA-I/II Native,* ATA/IDE Native,* Write Block for Suspect/Master Hard Drive
HDD Ports	Suspect (Master):1 Target:1
Compatible HDD	Any Manufacturer's HDD up to 144 PB (full 48-bit addressing support)
Host Interface	USB (For PC connection)
HDD interface Mode	Any ATA/IDE mode (ATA PIO0-2/UDMA0-6 mode) SATA I / II (300MB/s interface speed compatible)
HD Power Control	Adjustable Voltage +5V+/-5% (3.3V) , +12V+/-8%
AC Power	AC100-240V 50/60Hz (less than 2A)
Test Mode	SMART Status Check, MFG Quick Test, MFG Extensive Test, Mechanical Components Test, Complete Platter Test, Read/Write/Verify, Random Seek Test
Repair Mode	Bad Sector Mask (HPA), Reassign Bad Sectors, Address mark Correction
Wipe (Erase) Modes	Low Level Format with specified HEX value, Multiple Time Overwrite with specified HEX value, DoD and NSA compliant data destruction
Data Recovery Mode	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)
Duplication Mode	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
Dimensions	W270 x D230 x H50(mm)
Weight	2.4 lbs.
Option	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