



Ninja Forensic Version

Forensic HDD Test, Repair & Duplication Tool



Forensic Data Extraction
Forensic Data Extraction



HDD Test and Repair
HDD Test and Repair

HDD Wipe (Erase)
HDD Wipe (Erase)



HDD Duplication
HDD Duplication

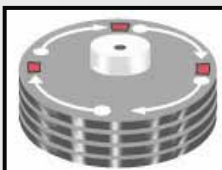


Forensic Data Acquisition

- ✓ **Native SATA I/II + Standard ATA/IDE Support**
1.8", 1.0", 0.85" and Flash Card support w/optional adapter
- ✓ **Built-In Write Block for Suspect Port**
Secure evidence and master data protection
- ✓ **HPA Detection and Enable/Disable Functions**
Gain access to entire HDD platter
- ✓ **DD Image Acquisition & MD5 Hash**
Fast and easy data extraction and verification

Special Data Extraction Functions

Our new Data Recovery Copy® function jumps HDD Errors (Uncorrectable, Abort, AM ERROR...) to retrieve only GOOD sectors in extracting data from defective hard drives. All parameters are manually adjustable (Read Retry, Read Timeout, Timeout Values, Error counts)



The most efficient data retrieval method for any unstable HDD

(For UNC, AMNF, IDNF and Abort errors)

Secure Data Destruction

Ensure complete data erasure and re-use hard drive when finished. (Low Level Format, DoD 5520, NSA, HPA Standard Wipe)

* Specifications subject to change without notice

Additional Features

- **Duplication**
Data-Only Copy and Mirror-Copy options
Speed up to 4 GB per minute
- **Data Recovery**
Recover data from corrupted hard drives
- **Multiple Format Functions**
FAT32 Format, Low Level Format
DoD/NSA/HPA Standard Data-Wipe
- **Multiple Test Functions**
Quick Test, SMART check, full HDD inspection, life cycle tests
- **SMART Data Acquisition**
Read raw SMART data
- **Data Destruction**
DoD, HPA & NSA Compliant
- **Supports all HDD models**
Any brand & model ATA/SATA HDD
- **12 Month Warranty**
Complete warranty with free firmware upgrades

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 SATA – 144 PB Max., ATA (EIDE) 144 PTB Max.
Host Interface	USB (For PC connection)
HDD interface Mode	-Any 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)
Forensic Mode	*DD image with specified file size from 1MB~2,00MB (Hash: MD5), Sector-Sector HDD duplication with CRC check (Identical HDD Size Clip for target Hard Drives), MD5 Hash Calculation, FAT32 Format Copy: Data-Only Copy for NTFS/FAT
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 with CRC compare FS Map, <u>HPA Control</u> : HPA-on, HPA-off, HPA-detect.
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, HDD Self Repair/Calibration Enforcement
HDD Erase Modes	Low Lever Format with specified HEX value, Multiple Time Overwrite with specified HEX value, DoD 5220.22M, and NSA compliant data destruction
Dimensions	W27 x D23 x H5 (mm)
Weight	2.4 lbs
Option	Adapters available for ATA HDD (3.5", 2.5", 1.8", 1"), SATA (2.5 inch)

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)

**Ask about our
carry case option
with accessories*



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 YEC mirror technology.