

NINJA SAS

Built-in
Write Protection

Ji2

Native SAS Forensic Hard Drive Imager

The Ninja SAS “Demi XG2020” is a native SAS HDD service tool. It is a super lightweight and easy to carry all-in-one tool used for tasks such as duplication, testing, wiping, analysis, data recovery and forensic acquisition. Unlike PC-based software solutions, the Ninja SAS’s dedicated hardware design allows for maximum speed and flexibility.



Features

- 1 Duplication**
Multiple copy functions at fastest speeds in industry (up to 18GB/min. for qualifying high speed hard drives)
- 2 Forensic Data Acquisition**
Hash calculation (MD5, SHA-1, SHA-256), Format (FAT32 & NTFS) and DD Image
- 3 Data Wipe**
Secure data erase functions. Compliant with NSA and DoD.
- 4 Test**
Multiple functions for HDD diagnostic and qualification
- 5 Repair**
Bad Sector Reassignment and Bad Sector Clipping (HPA on/off)
- 6 SMART Status Check**
Full SMART info display for professional HDD diagnostics
- 7 PC/Laptop HDD DUPLICATION without disassembly (available soon)**
Capture directly from a desktop/laptop computers (via RJ45 interface*) with the Bootable CD*
- 8 Script capabilities**



Display with SAS* Configuration

Bad-Sector Skip Functions for Data Recovery

- Skip Unrecoverable Sectors**
Automatically jumps unreadable sectors to acquire maximum data using hardware and software resets to maintain HDD health.



*Capture speed may vary. Average 600MB/min.**Bootable CD will be released soon.

Functions

- Fastest processing speed in industry (up to 18GB/min. for qualifying high speed hard drives)
- Works for any SAS, SATA (All PIO/UDMA Modes and SATA modes)
- Stand-alone or PC-controlled operation
- Adjustable Parameters for every function: tailor each operation to your specific needs
- Complete HPA/DCO control: add/remove HPA/DCO settings on SATA disk
- Reliable Write Protection: ensure master data is not altered during duplication process
- Data Recovery Copy functions: to extract all usable data from damaged or unstable hard drives by skipping bad sectors, issuing resets, etc.
- Sector-to-Sector Copy: for producing identical duplicate disks
- YEC Smart Copy System: copy only the used disk area to drastically reduce copy time
- The industry's only data-only copy system for any OS or file system
- CRC Compare: verify copied data to ensure 0% failure rate
- Cross-Interface Copy: allows the user to copy between any interface (SATA-SATA, SAS-SAS, SAS-SATA, SATA-SAS, etc.)
- Test During Copy: in-depth quality control with no extra time or effort invested
- Low Level Format: secure data erasure (1 time overwrite of each sector)
- Customizable overwrite pattern for any HEX value (E5, 00, FF, etc)
- Drive Hashing (MD-5, SHA-1 and SHA-256)

Specifications

| | |
|---------------------------|--|
| HDD Interface | SAS, SATA-I/II |
| HDD Ports | Duplication: 1:1 SAS, SATA Test, Wipe & Erase: 2Ports SAS, SATA |
| Host Interface | LAN (1000BASE-T/100BASE-TX/10BASE-T) |
| HDD interface Mode | Supports all manufacturers' SAS and SATA (All PIO/UDMA and SATA modes) |
| Power Control | AC100-240V (50/60Hz) . Any 312v HDD (optional adapters may be needed) |
| Modes | Duplication, clip, erase, test and data recovery |
| Dimensions | W303 x D220 x H95 (mm) |
| Weight | 4.8 lbs |
| Options | HDD interface adapters (1.8", ZIF, 2.5", etc.) |

*Specifications subject to change without notice

Package Includes: Ninja SAS (Demi XG-2020) Main Unit, AC Power Cable, SAS/SATA Interface Cable (Y-7072) x2, ATA HDD Power Cable (Y-7111) x2, SATA to ATA Adapter (Y-6393A) x2, SATA Interface Cable 030 (Y-7060) x2, Operation Manual