Auto-detect Dual-interfaces M.2/SAS/SATA SSD Duplicator

NS600D

24GB/min
Transfer Speed

NS600D automatically detects dual interfaces. It can automatically detect the signal and carry out bulk duplication of different interfaces/signal.

Features

U-Native: NVMe/SATA/SAS Native Protocol

The world's first FPGA-based three-in-one PCIe duplicator can support M.2/SATA/SAS signal devices. The original protocol design not only has multiple uses, but also achieves high compatibility and high stability for execution.

NS21: NVME and SATA/SAS

Automatically detect device signals to achieve cross-interface and cross-signal copying duplication.

M.2→M.2

M.2→SATA/SAS

SATA/SAS→M.2

SATA/SAS→ SATA/SAS

Standalone Operation No Waiting Time Required for Duplication

When each round of duplication is completed, the next round can start immediately without having to wait or restart the machine.

Event Log Report

Completely display /record each function executed and their results for future tracking .

Virus free guarantee

Closed platform design totally eliminating the chances of virus infection. Standalone operation without the need of a computer.

CRC Checksum

Activates CRC Checksum mechanism at the time of duplication and carry out bit by bit comparison to ensure the accuracy of the data copied.

Pass:20 Fail:0 40:00
CRC:7073923CEBDF7B58

Hardware Overview

Front

M.2 Module Interface
（Automatically detect SATA/NVMe signal）

Display Screen

SD port for Log Report Outputs and Firmware Updates.

SAS Module Interface
（Compatible with SATA）

Fast Key button

OK/ESC button

Navigation buttons

Back

USB PC-LINK port

Power Swtich

SSD Mobile Rack

Grounding Port

Power Jack

Supported Interface

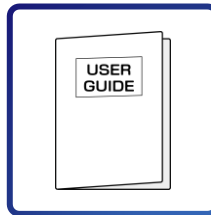| Interface	M.2 (NGFF)	BGA SSD	SAS	CFast
Device Signal	NVMe AHCI	NVMe AHCI	SAS/SATA	SATA
Sockets/Adapter Model No.	TB1587V2	TB1616	P21A01	P1053

Standard Accessories

Duplicator
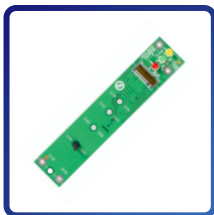x 1

PC-LINK Software
x 1

Power Cord
x 1

User Manual
x 1

Grounding Cable
x 1

Optional Accessories

M.2 Socket
-TB1587V2

M.2(NGFF) to SATA Adapter
-P1051

mSATA to SATA Adapter
-P1041

CFast to SATA Adapter
-P1053

BGA SSD socket
-TB1616

NS600D Series SAS Connector Module-P21A01

Specifications

Bandwidth Performance	24 GB/min. *Actual performance is dependent on Device transfer speeds
Supported Formats	• Quick Copy (System and Files)：FAT16/32/64, Windows (NTFS), Linux(Ext2/Ext3/Ext4), and Mac(HFS/HFS+/HFSX) • Whole Device Copy：All formats, including proprietary formats
Supported OS	All (Windows, Mac, Linux, and other proprietary systems)
Operation Mode	Standalone, FPGA-based Operation

Functions

Copy Modes	Quick Copy (System and Files) / All Partitions / Whole Device /Percentage Copy
Sanitization Modes	Quick Erase/Full Erase/DoD Erase/DoD EraseComp/7-Pass Erase/Secure Erase/Enhanced Secure Erase
Others	Bit-by-bit Comparison, Count of Bad Sector , Skip Bad Sectors, Clean SSD Before Copy

Compatibilities

Compatible Device	M.2(NGFF) M Key & B+M Key、 SAS interface(Compatible with SATA)
Compatible Signal	NVMe, AHCI, SATA
Others	• Supports GPT, MBR, and Advanced Formats. • Over 18TB+

Hardware Specifications

LCD Display	2x20 Backlit Monochrome LCD Display	
LEDs	3 LED Indicators per Port: Yellow (Power), Green (Pass), Red (Fail)	
Control Panel	4 Push Buttons (▲, ▼, OK, ESC)	
Power Requirements	AC 100~240 V	
Temperature	Working: 5°C ~ 45°C	Storage: -20°C ~ 85°C
Humidity	Working: 20% ~ 80%	Storage: 5% ~ 95%
Physical Dimensions	NS600D600SAS：385x255x275mm NS600D1100SAS：385x455x480mm	

**Specifications subject to change without notice.