



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

PHS600D

24GB/min
Transfer Speed

PHS600D automatically detects dual interfaces. It can automatically detect the signal and carry out bulk data erasure & duplication of different interfaces/signal.

Features

U-Native: NVMe/SATA/SAS Native Protocol

The world's first FPGA-based three-in-one PCIe data eraser & 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.

NIST SP 800-88 Compliance

UReach Data Eraser Series NIST Clear & NIST Purge functions complied with NIST SP 800-88 standard certified by Ontrack.



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
```

Certification

SBM00 Erase Certification

Client: Seagate

Model: SBM00

Serial No.: 81000000000000000000

Capacity: 1024GB (1000GB)

Part No.: 81000000000000000000

Rev: 1.0

Issue Date: 2024-03-28

Valid Until: 2025-03-28

Tested By: [Signature]

Approved By: [Signature]

Version: 1.0

Author: [Signature]

Ontrack

Erasure Verification Report

Client: Seagate

Model: SBM00

Serial No.: 81000000000000000000

Capacity: 1024GB (1000GB)

Part No.: 81000000000000000000

Rev: 1.0

Issue Date: 2024-03-28

Valid Until: 2025-03-28

Tested By: [Signature]

Approved By: [Signature]

Version: 1.0

Author: [Signature]

检验检测报告

Model: SBM00

Serial No.: 81000000000000000000

Capacity: 1024GB (1000GB)

Part No.: 81000000000000000000

Rev: 1.0

Issue Date: 2024-03-28

Valid Until: 2025-03-28

Tested By: [Signature]

Approved By: [Signature]

Version: 1.0

Author: [Signature]

SGS TEST REPORT

Model: SBM00

Serial No.: 81000000000000000000

Capacity: 1024GB (1000GB)

Part No.: 81000000000000000000

Rev: 1.0

Issue Date: 2024-03-28

Valid Until: 2025-03-28

Tested By: [Signature]

Approved By: [Signature]

Version: 1.0

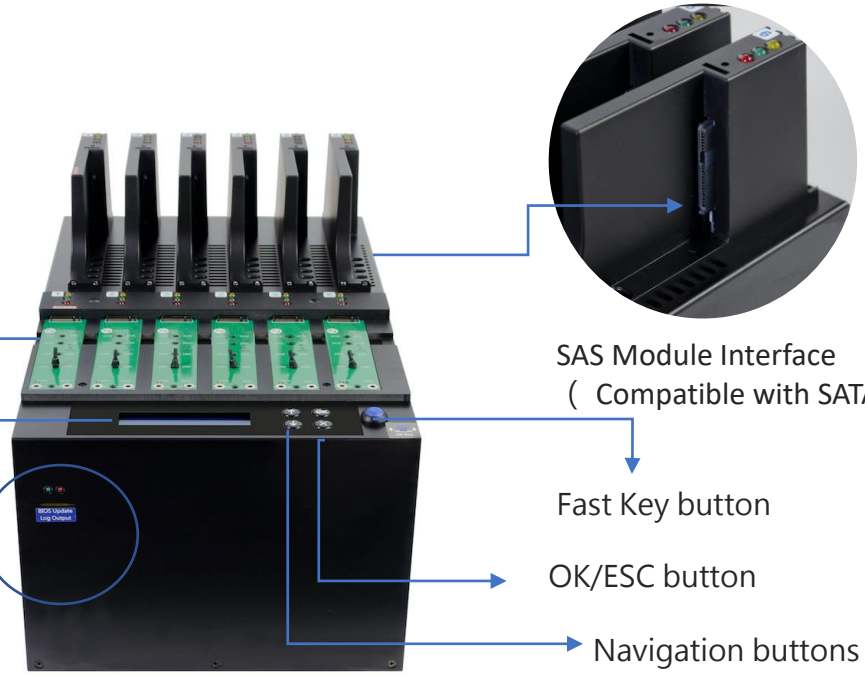
Author: [Signature]

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

SSD Mobile Rack

Grounding Port

USB PC-LINK port

Power Switch

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



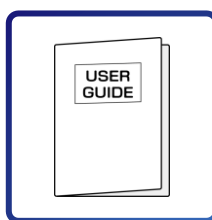
PHS600D
x 1



PC-LINK Software
x 1



Power Cord
x 1

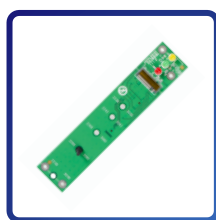


User Manual
x 1



Grounding Cable
x 1

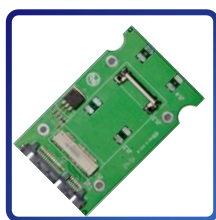
Optional Accessories



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



PHS Series SAS
Connector
Module-P21A01

Specifications

Bandwidth Performance	24 GB/min. *Actual performance is dependent on Device transfer speeds
Supported Formats	<ul style="list-style-type: none"> 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
Erasure Modes	Quick Erase/Full Erase (NIST Clear)/DoD Erase/DoD EraseComp/7-Pass Erase/Secure Erase (NIST Purge)/Enhanced Secure Erase
Others	Bit-by-bit Comparison, Count of Bad Sector , Skip Bad Sectors, Clean SSD Before Copy, Erasure Log Report

Compatibilities

Compatible Device	M.2(NGFF) M Key & B+M Key、 SAS interface(Compatible with SATA)
Compatible Signal	NVMe, AHCI, SATA
Others	<ul style="list-style-type: none"> 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	PHS600D : 385x255x275mm	

****Specifications subject to change without notice.**