



# Auto-detect NVMe/SATA PCIe SSD Duplicator

## PH Series

**24GB/min.  
Copy Speed**

PH series automatically detects dual interfaces. It can automatically detects the signal and carry out bulk duplication of different interface/signal. It can copy 10 PCIe SSD with the speed of each port at 24 GB/min.

## Features

### Flexible Cross Interface Duplication

M.2 port automatically detects NVMe/SATA signal facilitating cross interface/cross signal duplication



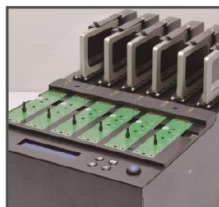
M.2 (NVMe) → M.2 (NVMe)



M.2 (NVMe) → SATA



SATA → M.2 (NVMe)



SATA → SATA

### 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

### Virus free guarantee

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

### Production Log Report

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

### Source Management System



The administrator can through a specific software store the image files on the computer for centralized management. When needed, this image files will be sent to the duplicator for duplication. This is designed specifically for production plant as this makes it easier to manage the source and reduce human error.

### 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.


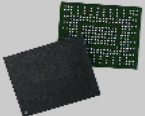






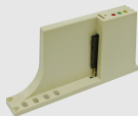

Pass:20 Fail:0 40:00  
CRC:7073923CEBDF7B58

## Product Models

Photos	Models	Target Ports	Product Dimensions
	PH600	1 : 5	385x255x275mm
	PH1100	1 : 10	385x455x480mm

## Supported Interface

- Each port is modularized to save the plug in and pull out time and increase the production efficiency.
- Users can easily and swiftly replace the interface module.
- Supported Interface :

Interface	M.2 (NGFF)	BGA SSD	mini PCIe (mSATA)	SATA	CFast
Device Picture					
Device Signal	NVMe AHCI	NVMe AHCI	SATA	SATA	SATA
Socket					
Model No.	TB1587	TB1616	P1041	TB1569	P1053

## Standard Accessories



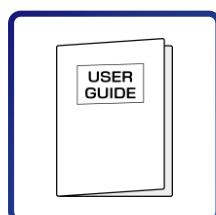
Duplicator x 1



PC Link Software  
USB x 1



Power Cord  
x 1



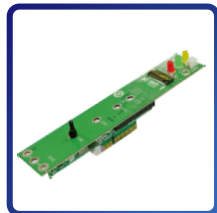
User Manual  
x 1



Grounding Cable x 1

## Optional Accessories

**TB1587**



M.2 Socket

**P1051**



M.2(NGFF) to SATA  
Adapter

**P1051**



mSATA to SATA  
Adapter

**P1053**



CFAST to SATA  
Adapter

**TB1616**



BGA SSD  
Socket

## 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(NIST 800-88)/Secure Erase

Others Bit-by-bit Comparison, Count of Bad Sector , Skip Bad Sectors

## Compatibilities

Compatible Device Directly compatible with : M.2(NGFF) M Key & B+M Key, SATA interface

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 PH600 : 385x255x275mm  
 PH1100 : 385x455x480mm

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