Auto-detect Dual-interface M.2/SATA SSD Duplicator

PW-H Series

PW series is an SSD duplicator which can support both SATA and M.2 interfaces at the same time. It is adopted a unique multitasking technology that can simultaneously copy up to 11 devices with a high transfer speed of 18 GB per minute. Only need to insert the device into the duplicator and copy data with one simple push of button without connecting to computer.

Features

Ultra-high Copy Speed

Embedded controller is designed with dedicated bandwidth for each port. Enables 1-11 duplication at 18 GB/min.

Non PC-based, Hot Swap Supported

Stand-alone, FPGA-based operation. Supports hot swapping of devices.

Cable-based Design, Easy to Handle Various Interfaces

Flexible platform design can enhance expansibility. With optional adapters, it supports multiple interfaces for example mSATA , CFAST...etc.

Cross-interface Duplication

Auto-detect NVMe & SATA signal facilitates and supports cross- interface/signal duplication.*

M.2(SATA)➡M.2(NVMe)   M.2(NVMe)➡SATA

SATA➡M.2(NVMe)   SATA➡SATA

Event Log Management

- Records: operating durations, individual port copy progressions, connected device models, capacities, serial numbers, and PASS or FAIL results.
- Device writing/reading speeds are recorded.
- Log report files are generated through the front USB port and are saved to USB devices.

*Note: While doing cross-signal copy of OS system, please be aware of the limitation of drivers and execution path.

Product models

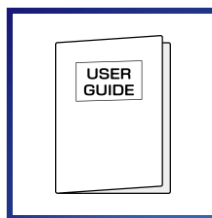| Picture	Model	Ports	Product dimensions	Packing dimensions	Package weight
	PW400H	1:3	48*9*18 cm	59*45*40 cm	5.2 Kg
	PW800H	1:7	48*34*18 cm	59*45*40 cm	8.4 Kg
	PW1200H	1:11	48*51*18 cm	63*60*36 cm	11.5 Kg

Standard Accessories

PW Duplicator x 1   Power Cord x 1   User Manual x 1   Grounding Cable x 1
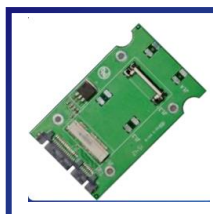
Optional Accessories

PE5334A — M.2 socket

P1051 — M.2(NGFF) to SATA adapter

P1041 — mSATA to SATA adapter

P1053 — CFast to SATA adapter

Specifications

Maximum Transfer Speed	18GB/Min. *Actual performance is dependent on device transfer speeds.*
Supported Formats	Quick Copy (System and Files): FAT16/32/exFAT, Windows (NTFS), Linux(Ext2/Ext3/Ext4), and Mac(HFS/HFS+/HFSX) Whole Device Copy: All formats, including proprietary formats.
Supported O/S	All (Including : Windows / Mac / Linux / other stand-alone systems)
Operation Type	Stand-alone, FPGA-based operation (Non-PC based)

Function

Copy Modes	Quick Copy (Systems & Files Copy) / All Partitions Copy/ Whole HDD Copy/ Percentage Copy
Sanitization Modes	Quick erase/ Full erase(NIST 800-88)/ Secure erase
Log Manager	Manage and export log reports.
Other Functions	Bit-by-bit comparison, bad sector counting, bad sector tolerance setting.

Capabilities

Compatible Devices	M.2(NGFF) M Key & B+M Key interface, SATA Hard Disk & SSD.
Compatible Protocol	NVMe, AHCI, SATA
Other	Support MBR、GPT partition Support more than 18TB.

Hardware Specification

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

***Specifications subject to change without notice