Auto-detect
M.2 PCIe SSD Duplicator

PV Series

12GB/min
Copy Speed

The new generation PV Series PCIe duplicator is designed specifically for M.2 SSD users. It is adopted a unique multitasking technology that can simultaneously copy up to 23 PCIe M.2 targets with a transfer speed of 12 GB per minute.

Features

Ultra-high Copy Speed

Speed transfers is up to 12.0 GB/min. Dedicated bandwidth for each port enables high volume replications without speed degradation.

Controller Design

Embedded controller is designed to support capacities over 18TB+. Constant improvement supports latest market-available devices.

Non-PC based, Hot-swapping Supported

Each job can start immediately after the previous one is completed, no waiting time required, no system restart required, neither.

Compare + CRC checksum=100% Accuracy

PV400E carries out bit-by-bit comparison to ensure the accuracy of the data copied. Through CRC checksum, we could make sure the data of the source is correct after long term copy.

Cross-Signal Duplication

Supports NGFF (SATA M.2 SSD) copy to NVMe M.2 SSD.

Modularized Socket Design

Modular-designed ports effectively reduce downtime and is cost-effective for long-term ownership.

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

Product Models

Photos	Models	Target Ports	Product Dimensions	Package Dimensions	Package Weight
	PV800	1:7	26.2 x 33.1 x 8 cm	47 x 40 x 29 cm	7.4 Kg
	PV1200	1:11	50 x 26 x 14.7 cm	58 x 44 x 39 cm	12.3 Kg
	PV2400	1:23	50 x 45.5 x 16 cm	63 x 60 x 36 cm	18.6 Kg

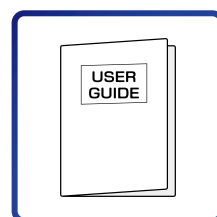## Standard Package
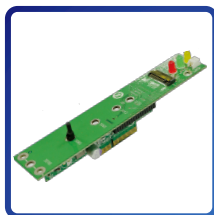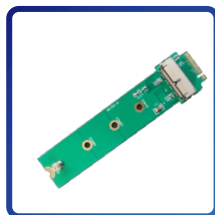

PV Duplicator x 1

12V Adaptor

Power Cord x 1

User Manual x 1

*Only PV800 has power adapter.

Optional Accessories

M.2 Module-TB1587

MAC PCIe Adapter-U1072

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Specifications

Bandwidth Performance	12.0 GB/min (200 MB/sec) *Actual performance is dependent on device transfer speeds*
Supported Formats	• Quick Copy (System and Files): FAT16/32/64, Windows (NTFS), Linux(Ext2/Ext3/Ext4/XFS/LVM), and Mac(HFS/HFS+/HFSX) • Whole Device Copy: All formats, including proprietary formats. • GPT, MBR, and Advanced Formats.
Supported OS	All (Windows, Mac, Linux, and other proprietary systems)
Operation Mode	Standalone, FPGA-based Operation
Language	English, Japanese

Functions

Copy Modes	Quick Copy (System and Files) / All Partitions / Whole Device / Percentage Copy
Sanitization Modes	Quick Erase, Full Erase (NIST 800-88), DoD Erase (DoD 5220.22-M) and Secure Erase (NIST 800-88).
Others	Skip the number of bad sectors during Copy/Compare/Erase.

Compatibilities

Compatible Device	Directly compatible with: M.2 B Key & B+M Key.
Compatible Signal	NVMe, AHCI, SATA
Devices Require Optional Cables or Adapters	MAC PCIe

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	12V Power Adaptor	
Temperature	Working: 5°C ~ 45°C	Storage: -20°C ~ 85°C
Humidity	Working: 20% ~ 80%	Storage: 5% ~ 95%

**Specifications subject to change without notice.