

# PV Series NVMe M.2 SSD Duplicator



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 up to 12 GB per minute. We guarantee the highest productivity without speed degradation even as the number of targets increase.

## Features

### Ultra-high Copy Speed

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

### 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.

### Modularized Socket Design

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

### Controller Design

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


### Cross-Signal Duplication\*

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



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

## Product Models

Photos	Models	Target Ports	Product Dimensions	Package Dimensions	Package Weight
	PV400E	1:3	18.5 x 27 x 7 cm	33 x 28 x 18 cm	3.6 Kg
	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

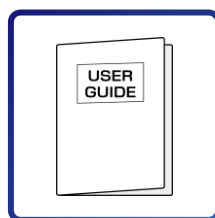
## Standard Package



Duplicator x 1



Power Cord x 1



User Manual x 1



12V Adaptor\*

\*Available on PV400 and PV800 only.

## Optional Accessories

TB1587



M.2 Socket

P2002



PCIe Adapter

TB1616



BGA SSD  
Socket

U1072



MAC PCIe  
Adapter

P2001



CFexpress  
Adapter

## Specifications

Bandwidth Performance	PV400E: 9.0 GB/min (150 MB/sec) PV800; PV1200; PV2400: 12.0 GB/min (200 MB/sec) *Actual performance is dependent on device transfer speeds*
Supported Formats	<ul style="list-style-type: none"> <li>Quick Copy (System and Files): FAT16/32/exFAT, Windows (NTFS), Linux(Ext2/Ext3/Ext4), and Mac(HFS/HFS+/HFSX)</li> <li>Whole Device Copy: All formats, including proprietary formats.</li> <li>GPT, MBR, and Advanced Formats.</li> </ul>
Supported Capacity	Over 18TB.
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
Compare (Verification)	Bit-by-bit data comparison from the source device to target device(s).
Sanitization Modes	Quick Erase, Full Erase (NIST 800-88), DoD Erase (DoD 5220.22-M) and Secure Erase (NIST 800-88).
Skip Bad Sectors	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, CFexpress

## 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	Universal Power, 115V AC or 230V AC, 50/60Hz	
Temperature	Working: 5°C ~ 45°C	Storage: -20°C ~ 85°C
Humidity	Working: 20% ~ 80%	Storage: 5% ~ 95%

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