

# PX Series: NVMe/SATA M.2 SSD Duplicator



The new generation PX800 PCIe duplicator is designed specifically for M.2 SSD users. It is adopted a unique multitasking technology that can simultaneously copy up to 7 PCIe M.2 targets with a transfer speed of 12.0 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.



## Product Models

Photos	Models	Target Ports	Product Dimensions	Package Dimensions	Package Weight
	PX400	1:3	18.5 x 27 x 7 cm	45 x 34 x 9 cm	3.2 Kg
	PX800	1:7	26.2 x 33.1 x 8 cm	47 x 40 x 29 cm	7.4 Kg

## Standard Package



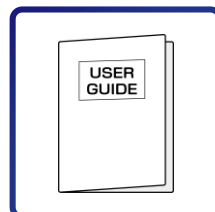
Duplicator x 1



12V Adaptor



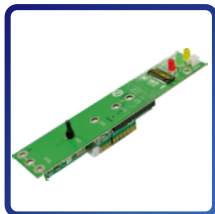
Power Cord x 1



User Manual x 1

## Optional Accessories

TB1587



M.2 Module

U1072



MAC PCIe Adapter

## Specifications

Bandwidth Performance	PX400: 9.0 GB/min (150 MB/sec) PX800: 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): FAT16/32/64, 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 & SATA M Key & B+M Key.

Compatible Signal	NVMe, AHCI, SATA
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Devices Require Optional Cables or Adapters	MAC PCIe
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## Hardware Specifications

LCD Display	2x20 Backlit Monochrome LCD Display
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LEDs	3 LED Indicators per Port: Yellow (Power), Green (Pass), Red (Fail)
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Control Panel	4 Push Buttons (▲, ▼, OK, ESC)
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Power Requirements	12V Power Adaptor
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Temperature	Working: 5°C ~ 45°C	Storage: -20°C ~ 85°C
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Humidity	Working: 20% ~ 80%	Storage: 5% ~ 95%
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**\*\*Specifications subject to change without notice.**