

## PCIe NVMe M.2 SSD Duplicator and Sanitizer 1 to 20 (PE2100)



Valutazione: Nessuna valutazione

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### Descrizione

PE Series

#### Main features PCIe M.2 Duplicator and Sanitizer 1-20 (PE2100)

- Speed transfers up to 24 GB per minute.
- Non-PC based design, supports hot swapping.
- Systems & files code mode supports Windows (FAT16/32/exFAT, NTFS), Linux (ext2/ext3/ext4) and Mac (HFS, HFS+, HFSX.)
- Data Sanitization: Quick Erase, Full Erase, DoD Erase, DoD Erase + Compare and Secure Erase.
- Supports M key and B+M key for PCIe / SATA M.2 SSDs.
- Supports SATA / U.2 / PCIe SSD / BGA SSD through adapter.
- Log report management records all task details for better enhanced management.



- [Product Description](#)
- [Features](#)
- [Specification](#)
- [Comparison Chart](#)
- [Video](#)

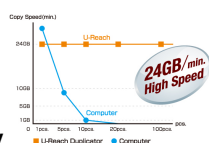
## Product Description

PE series is a professional PCIe M.2 duplicator, specially designed for high volume duplication. U-Reach adopted a unique multitasking technology that can simultaneously copy 20 PCIe M.2 targets with a high transfer speed of 24 GB per minute.

We guarantee the highest productivity without speed degradation even as the number of targets increases. The PE series M.2 duplicator provides four copy modes: quick smart copy, all partitions copy, percentage copy and whole copy that all meet different duplication task requirements. The quick copy mode copies data and skips blank area. NTFS, Linux (Ext2/Ext3/Ext4), FAT/FAT32/exFAT and Mac (HFS, HFS+, HFSX) formats can all be supported with quick copy mode.

In addition, the PE series M.2 duplicator is equipped with different levels of erase functions, Quick Erase, Full Erase, Secure Erase, DoD 5220 Erase government standards, which can fulfill different levels of PCIe wiping security.

## Features



### Impeccable Efficiency

U-Reach PCIe M.2 duplicator copies at **24.0 GB/m** on all PCIe M.2 simultaneously, without any speed degradation as number of targets increase.

### Whole Device Copy

Whole Device Copy supports various partition formats.

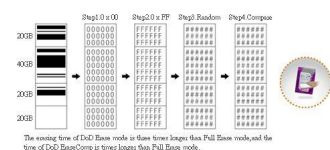
### Systems & Data Copy

This mode identifies Windows (FAT16/32/64, NTFS), Linux(ext2/ext3/ext4) and Mac (HFS, HFS+, HFSX) formats. It will copy only the data and system contained area, which enhances the copy time.

### Sanitization methods

The PCIe series duplicator offers 3 ways of erase.

- 1. Quick Erase:** Erase PCIe SSD index table, and only takes A FEW SECONDS to complete
- 2. Full Erase:** Erases the entire PCIe SSD
- 3. DoD Erase:** Complies with U.S. Department of Defense erasure standards.



### Device Compatibility



- Supports GPT, MBR table format
- Supports Advanced format SSD, Up to 18TB above device
- Supported OS: Linux, Unix, Windows, Macintosh, etc. are all supported.

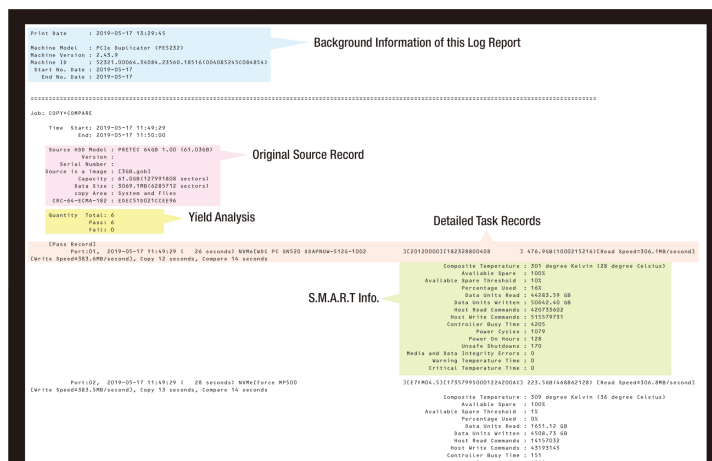
## • Open Platform Design

- Supports M.2 (default)
- Supports optional SSD to store images.



## • Log Report Management

- Records operation time, each port's process details, including SSD's model, capacity, S/N, result (pass, fail).
- Supports S.M.A.R.T Info.



- Log report .txt file can be generated via USB port and saved to USB device



- Up to 30,000 log entries can be saved. One command onto one SSD is recorded as one log entry. (e.g. duplication from 1 SSD to 21 targets will be recorded as 21 log entries)



## • Auto power control system

When the duplicator stops executing any function, the SSD Copier will automatically cut off the power of each port to protect the SSD from damage during removal from the duplicator. The power of each port will only be supplied when the operation is running.


## • Standalone operation

There are two modes of operation available for selection, standalone and PC-link operation, each meeting different demands. Standalone is excellent in simplifying operation and very user-friendly (all duplication jobs can be completed via input through 4 buttons).

## Specification

|                                |  |   | Model<br>Target | PE2100<br>20 |
|--------------------------------|--|---|-----------------|--------------|
| Specific<br>ation              | Maximum<br>Transfer Speed                        | 24.0GB/min. (400MB/sec.)<br>*Actual performance is<br>dependent on device transfer<br>speeds*                                       |                 |              |
|                                | Capacity   | Supports the latest market<br>available capacity Designed<br>support capability up-to 18TB+   |                 |              |
|                                | Operating Type                                   | Stand-alone, FPGA-based<br>operation (Non PC-based)   |                 |              |
|                                | Supported<br>Languages                           | English, Japanese   |                 |              |
| Feature<br>s                   | LCD Display<br>LEDs                              | Backlit Monochrome LCD Display<br>3 LED Indicators per Port: Yellow<br>(Power), Green (Pass), and Red<br>(Fail)                     |                 |              |
|                                | Control Panel<br>Copy Modes                      | 4 Push Buttons(?, ?, OK, ESC)<br>Quick Copy (Systems & Files<br>Copy), All Partition Copy,<br>Whole Device Copy, Percentage<br>Copy |                 |              |
|                                | Compare<br>Function                              | Bit-by-bit data comparison  |                 |              |
|                                | Sanitization<br>Modes                            | Quick Erase, Full Erase (NIST<br>800-88), DoD Erase and Secure<br>Erase   |                 |              |
| Special<br>Feature<br>s        | Log Report<br>Management                         | Log report .txt file can be<br>generated via USB port and<br>saved to USB device  |                 |              |
| Compati<br>bilities            | PC Monitoring                                    | Download Source Image from PC   |                 |              |
|                                | Compatible<br>Devices                            | NGFF (M.2): 2230, 2242, 2260,<br>2280, PCI-e SSD (full and low<br>profiles)   |                 |              |
|                                | Compatible<br>Devices (with<br>required adapter) | SATA HDD/SSD, U.2(SFF8639)  |                 |              |
|                                | Supported<br>Formats                             | Quick Copy: FAT16/32/64,<br>Windows (NTFS), Linux<br>(Ext2/Ext3/Ext4), and Mac (HFS,<br>HFS+,HFSX)                                  |                 |              |
| Hardwar<br>e specifi<br>cation | Supported O/S                                    | Whole Device Copy: All Formats,<br>including proprietary formats<br>All (Windows, Mac, Linux, and<br>other stand-alone systems)     |                 |              |
|                                | Power Supply                                     | Universal Power: 115VAC or<br>230VAC, 50/60Hz   |                 |              |
|                                | Working<br>Temperature                           | 5°C ~ 45°C (41°F ~ 113°F)   |                 |              |
|                                | Storage<br>Temperature                           | -20°C ~85°C (-4°F ~ 185°F)  |                 |              |
|                                | Working<br>Humidity                              | 20% ~ 80%   |                 |              |
|                                | Storage Humidity                                 | 5% ~ 95%  |                 |              |
|                                | Product<br>Dimensions (cm)                       | 50 x 46 x 22.5  |                 |              |
|                                | Weight (kg)                                      | 22.9  |                 |              |
|                                | Certifications                                   | FCC, CE, RoHS   |                 |              |

Comparison Chart



M.2 SSD Duplicator / Eraser  
Comparison Chart



| Series / Model      | PE                       | PE-H                                   | PV                                       | PX                 |       | SP                               |       |
|---------------------|--------------------------|--|--|--------------------|-------|----------------------------------|-------|
|                     |                          |  |  | PX400              | PX800 | SP101                            | SP151 |
| Ports               | 1-5; 1-10;<br>1-15; 1-20 |  | 1-11;<br>1-23                            | 1-3                | 1-7   | 1-1                              |       |
| Speed (GB/min)      | 24.0                     | 60.0                                   | 12.0                                     | 9.0                | 12.0  | 9.0                              | 24.0  |
| Supported Protocol  | NVMe, SATA (Auto Detect) |  |  |                    |       |                                  |       |
| Supported Interface | Direct                   | M.2                                    | M.2                                      | M.2                |       | M.2 & SATA                       |       |
|                     | Through Adapter          | U.2, SATA, PCIe, MAC PCIe SSD, BGA SSD | PCIe, MAC PCIe SSD                       | PCIe, MAC PCIe SSD |       | MAC PCIe SSD, PCIe, mSATA, CFast |       |
| Cross-Signal Copy   | V                        |  | V  | V                  |       | V                                |       |
| Copy                | V                        |  | V  | V                  |       | V                                |       |
| Full Erase          | V                        |  | V  | V                  |       | V                                |       |
| Secure Erase        | V                        |  | V  | V                  |       | V                                |       |
| DoD Erase           | V                        |  | V  | V                  |       | V                                |       |
| Event Log Report    | V                        |  |  |                    |       |                                  |       |
| SMART Info          | V                        |  | Power Cycle, Power-on Hours, Temperature |                    | V     |                                  |       |
| Image Management    | V                        |  |  |                    |       |                                  |       |

The Data Equipment Expert Duplication / Inspection / Sanitization

www.ureach.eu

Video

