SP High-Speed Series NVMe M.2 SSD and SATA Duplicator 1 to 1 (SP151)









Rating: Not Rated Yet
Ask a question about this product

PCIe / SATA M.2 Duplicator 1-1 (SP151)

- Speed transfers up to 24 GB per minute.
- Native support NVMe and SATA protocols.
- Supports 1-1 cross-interface copy.
- Supports hot swapping.
- Systems & files copy mode supports Windows (FAT16/32/64, NTFS), Linux (ext2/ext3/ext4) and Mac (HFS, HFS+, HFSX).
- Data Sanitization: Quick Erase, Full Erase, Secure Erase and DoD Erase.
- Supports M key and B+M key for M.2 SSDs; SATA devices.

- Product Description
- Features
- Specification
- Comparison Chart
- Video

Product Description

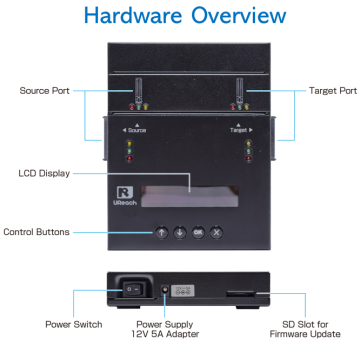
SP151 is a professional NVMe M.2 SSD and SATA duplicator. Native support NVMe and SATA protocols enables cross-signal and cross-interface duplication. It is designed specifically for small volume users and adopts high level FPGA closed platform design, which can eliminate the possibilities of virus infection completely.

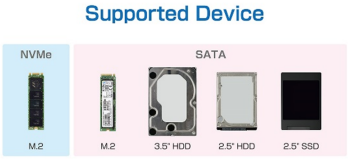
All U-Reach PCIe duplicator supports easy Plug and Copy operation mode. It completes duplication in 3 steps: power on, plug in, and press OK.

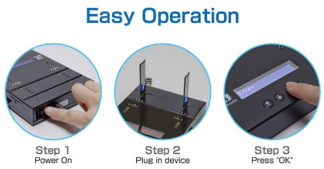
It provides four copy modes: quick smart copy, all partitions copy, percentage copy and whole copy that all meet different duplication task requirements. The quick copy mode copies data and skips blank area. NTFS, Linux (Ext2/Ext3/Ext4), FAT/FAT32/exFAT and Mac (HFS, HFS+, HFSX) formats can all be supported with quick copy mode.

In addition, the SP151 has modular-designed M.2 ports effectively reduce downtime and is cost-effective for long-term ownership.

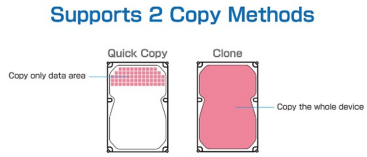
Features

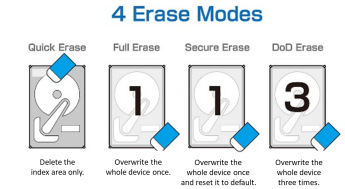


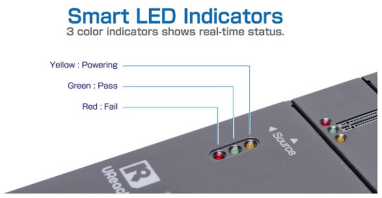












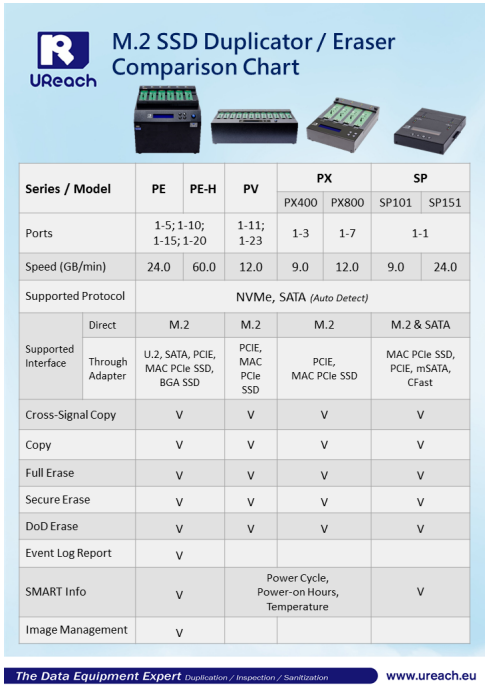


Specification

		Model	
		Target	SP1511
Specification	Maximum Transfer Speed	24.0GB/min. (400MB/sec.) *Actual performance is dependent on SSD transfer speeds*	
	Capacity	Supports the latest market available capacity Designed support capability up-to 18TB+	
	Operating Type	Stand-alone, FPGA-based operation (Non PC-based)	
	Supported Languages	English, Japanese	
	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)	
Features	Copy Modes	Quick Copy (Systems & Files Copy), All Partition Copy, Whole Device Copy, Percentage Copy	
	Compare Function	Bit-by-bit data comparison	
	Sanitization Modes	Quick Erase, Full Erase, Secure Erase and DoD Erase	
Compatibilities	Compatible Devices	NGFF (M.2): 2230, 2242, 2260, 2280, PCI-e SSD (full and low	

		profiles)
	Supported Formats	Quick Copy: FAT16/32/64, Windows (NTFS), Linux (Ext2/Ext3/Ext4), and Mac (HFS, HFS+,HFSX) Whole Device Copy: All Formats, including proprietary formats
	Supported O/S	All (Windows, Mac, Linux, and other stand-alone systems)
Hardware specification	Power Supply	12V 5A Power Adaptor
	Working Temperature	5°C ~ 45°C (41°F ~ 113°F)
	Storage Temperature	-20°C ~85°C (-4°F ~ 185°F)
	Working Humidity	20% ~ 80%
	Storage Humidity	5% ~ 95%
	Product Dimensions (cm)	18 x 15.6 x 3.4
	Weight (kg)	1.2
	Certifications	FCC, CE, RoHS

Comparison Chart



Series / Model		PE	PE-H	PV	PX		SP	
					PX400	PX800	SP101	SP151
Ports		1-5; 1-10; 1-15; 1-20		1-11; 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						

Video

