SPU201G
M.2 / U.2 NVMe, SATA and SAS Duplicator and Sanitizer

SPU201G is the world's first standalone duplicator supports NVMe , AHCI, U.2 and SAS/SATA protocols. It automatically detects device signal, and supports ultra-high speed duplication up to 24.0 GB/min.

Features

Controller Design
Embedded controller is designed to support capacities up to 18TB. Constant improvement supports latest market-available devices.

Read-Only Source Port
There is no option to disable this built-in feature and it is integrated with all U-Reach duplicators.

Cross-interface Duplication
Automatically detect different signal of each port and copy.

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

Modularized Socket Design
Modular-designed M.2 ports effectively reduce downtime and is cost-effective for long-term ownership.

Non-PC based System Designed
Each job can start immediately after the previous one is completed, no waiting time required, no system restart required, neither.

M.2 ➡ U.2   U.2 ➡ M.2

Event Log Report

- Records: operating durations, individual port copy progressions, connected device models, capacities, serial numbers, and PASS or FAIL results.
- Device writing/reading speeds are recorded.
- Log report files are generated through the USB port.

Product Overview

Front View

Source
❶ M.2 Port
❷ U.2/ SAS/ SATA port

Target

LCD Display

Control Buttons

USB Port for
FW Update and
Event Log Report

Back View

Power Switch

Power Supply
12V 7A Adapter

Product Models

Photo	Model	Target Port	Product Dimensions	Package Dimensions	Package Weight
	SPU201G	1:1	18 x 15.6 x 3.4 cm	26.5 x 21.5 x 7 cm	1.5 Kg

Standard Package
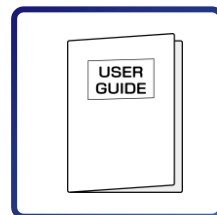
Duplicator x 1

12V 7A
Adaptor x 1

Power Cord x 1

SAS Cable x 2
(for connecting
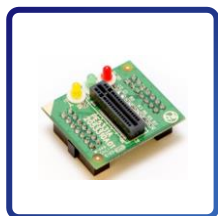SAS and SATA
device only)

Pad x 2

User Manual x 1

1 pair of Gloves**

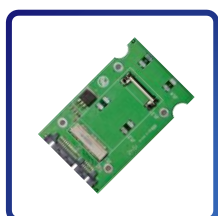**Wear protective gloves to prevent burns when handling devices.

Optional Accessories

P1098

TB1527

P1053

M.2 Socket

mSATA to SATA
Adapter

CFast to SATA
Adapter

Specifications

Maximum Speed Supported	24.0 GB/min (400 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/LVM), and Mac(HFS/HFS+/HFSX) • Whole Device Copy: All formats, including proprietary formats. • GPT, MBR, and Advanced Formats.
Supported Capacity	Up to 18TB.
Supported OS	All (Windows, Mac, Linux, and other proprietary systems)
Operation Mode	Standalone, FPGA-based Operation
Language	English, Japanese, Spanish

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(NGFF) M Key & B+M Key, U.2; U.3; SAS; SATA
Compatible Signal	NVMe, SATA, SAS
Devices Require Optional Cables or Adapters	mSATA, CFast Card.

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 5A Power Adaptor	
Temperature	Working: 5°C ~ 45°C	Storage: -20°C ~ 85°C
Humidity	Working: 20% ~ 80%	Storage: 5% ~ 95%
Certifications	FCC, CE, RoHS, and Reach	

***Specifications subject to change without notice.