UB300:
USB Pen Drive Duplicator 1-2

UB300 is the best portable 1 to 2 USB Pen Drive Duplicator. It's an FPGA-based, standalone design. Supports Windows (NTFS), FAT16/32/exFAT, and Linux (ext2/ext3/exr4) in copy modes. Ultra-high speed transfers up to 1.5 GB/min.

Features

Controller Design
- Embedded controller is designed to support capacity up to 2TB .

Stand-alone Design
- Stand-alone and portable design, no computer required.

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

Copy Modes
- Quick copy (System & Files) can support Windows (NTFS), FAT16/ 32/ exFAT, and Linux (ext2/ ext3/ ext4).
- Whole Media copies exactly the same of the master device.
- Supports all proprietary and unknown formats.

Diagnostic Modes
- H3 Test : Determines if the flash is readable.
- H5 Test: Overwrites machine-generated values to all sectors in the NAND flash, and verifies them to determine quality.
- H6 Test: Resembling the H5 test, it overwrites machine generated-values only to the empty sectors without disturbing pre-existing data, partitions, and formats.
- Capacity Check: Verifies initial sector and the final sector the connected flash device within 2 seconds.
- Read/Write Speed Check: Performs a read/write benchmark of the connected devices within 8 seconds.

Product Models

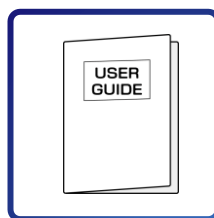| Photos	Models	Target Ports	Product Dimensions (cm)	Package Weight (g)
	UB300	1:2	13.5 x 12 x 2.5	190

Standard Package

Duplicator x 1

Power Adapter x 1

User Manual x 1

Functions

Copy Modes	Quick Copy (System and Files) / Whole Media Copy / Asynchronous Duplication
Compare (Verification)	Bit by bit data comparison from the source device to target device(s).
Diagnostic Modes	•H3 Test: Only reads to verify the maximum capacity quality. (All data is 100% safe) •H5 Test: Overwrites then reads to verify maximum capacity quality. (All data is destroyed) •H6 Test: Same as H5 Test, but only in empty sectors/spaces. (All data is 100% safe) •Capacity Check: Complete device analysis of available capacity
Sanitization Modes	Quick Erase, Full Erase, and DoD Erase
Format Function	Formats device to FAT16 or FAT32

Specifications

Bandwidth Performance	Up to 1.5 GB/min
Support Formats	• Quick Copy (System and Files): FAT16/32/exFAT, Windows (NTFS), Linux(ext2/ext3/ext4) • Whole Device Copy: All formats, including proprietary formats.
Support Capacity	All market including sizes over 2TB.
Operation Mode	Stand-alone, FPGA-based Operation (Non-PC based)
Language	English, Japanese
Compatible Device	USB3.0/ USB2.0/ USB1.1/ USB Pen Drive(s)
Support Formats	• Quick Copy : FAT16/32/exFAT, Windows (NTFS), Linux(ext2/ext3/ext4) • Whole Device Copy: All formats, including proprietary formats.
Support O/S	All (Windows, Linux, and other stand-alone systems)
LCD Display	Backlit Monochrome LCD Display
LEDs	2 LED (Red/Green) Indicators per Port
Control Panel	4 Push Buttons (↑,↓ , O, X)
Power Requirements	5V 2A
Temperature	Working: 5°C ~ 45°C Storage: -20°C ~ 85°C
Humidity	Working: 20% ~ 80% Storage: 5% ~ 95%
Certifications	FCC, CE, RoHS

***Specifications subject to change without notice.