Mini M.2 Series – Portable Version
M.2 NVMe 1-1 Cloner and Sanitizer.

Product Features

Features	Descriptions
Operation Type	• Stand-alone, FPGA-based operation (Non-PC based system design).
Controller Design	• Embedded controller is designed • Constant improvement supports latest market-available devices.
Protocols Supported	• Supports Native NVMe and SATA protocol.
Hot Swap Supported	• Supports hot swapping of devices.
Bandwidth Performance	• Peak transfer speeds up to 24GB/min. (400MB/sec.) • Dedicated bandwidth enables high-volume replications without speed degradation.
Read-Only Source Port	• There are no options to disable this built-in feature, and it is integrated with all U-Reach duplicators.
Modular Port Design	• Modular ports allow for quick replacement, effectively reducing downtime and providing a cost-effective solution for long-term ownership.

Product Models

Photos	Models	Target Ports
	NVS200	1:1
	NVS200UST	1:1
	NVS200USAS	1:1

Product Functions

Functions	Descriptions
4 Copy Modes	• Quick Copy (Data & System): Supports Windows, Mac, and Linux. • All Partitions: Users can skip HPA or unknown partitions. • Whole Device: Copies bit by bit from the master device. • Percentage Copy: Users can set percentages for capacity to be copied.
Compare (Verification)	• Bit by bit data comparison from the source device to target device(s).
4 Sanitization Modes	• Quick Erase • Full Erase (NIST 800-88) • DoD Erase Pass (DoD 5220.22-M) • Secure Erase (NIST 800-88)

Product Compatibilities

Compatibilities	Descriptions
Compatible Devices	• M.2: 2230, 2242, 2260, 2280, 3030, 3042, 3060, and 3080. • Supports M.2 B+M Key or M Key Only • SATA HDD/SSD • U.2 NVMe (NVS200UST, NVS200USAS) • SAS HDD/SSD (NVS200USAS only)
Supported Formats	• Quick Copy Function: FAT16/32/64, Windows (NTFS), Linux (Ext2/Ext3/Ext4), and Mac (HFS, HFS+, HFSX). • Whole Device Copy Function: All Formats, including proprietary formats. • GPT, MBR, and Advanced Formats.
Compatibilities	**Descriptions**
Supported O/S	• All (Windows, Mac, Linux, and other proprietary systems).

Product Specifications

Specifications	Descriptions
LCD Display	• 2 x 20 OLED Display
LEDs	• 3 LED Indicators per Port: • Yellow (Power), Green (Pass), and Red (Fail)
Control Panel	• 4 Push Buttons (▲, ▼, OK, ESC)
Power Requirements	• Power Input: Universal Power 115VAC or 230VAC, 50/60Hz • Power Output: 12VDC 9A
Operational Temperature	• 0°C ~ 60°C **(32°F ~ 140°F)**
Non-operational Temperature	• -20°C ~85°C **(-4°F ~ 185°F)**
Humidity	• Operating: 20% ~ 95%, non-condensing • Non-operating: 5% to 95%, non-condensing

Packaging Dimensions (L×W×H)	• NVS200, NVS200UST and NVS200USAS – 254 mm x 203 mm x 152 mm **(10 in. x 8 in. x 6 in.)**
Product Weight	• NVS200, NVS200UST and NVS200USAS – 2.26 kg **(5 lbs.)**
Certifications	• FCC, CE, UKCA, RoHS, and REACH
MIL-STD-810H	• 500.6 / 501.7 / 502.7 / 507.6
ISO/IEC	• 27037, 27041, 27042, 27043, and 27050

Product Replacement Parts

Part Numbers	Descriptions
PE5331A	• M.2 NVMe Socket Replacement

More Information

For additional details on the U-Reach® Mini Series, please visit: www.ureach-usa.com

Specifications are subject to change without notice.