

NV-BM CFX Series

CFexpress Duplicator and Sanitizer



Product Features

Features	Descriptions
Operation Type	Stand-alone, FPGA-based operation (Non-PC based system design).
Controller Design	- Embedded controller is designed to support capacities over 18TB+. - Constant improvement supports latest market-available devices.
Protocols Supported	Supports CFexpress.
Hot Swap Supported	Supports hot swapping of devices.
Bandwidth Performance	- Speed transfers of up to 24.0GB/min. (400MB/sec.) - Dedicated bandwidth enables high-volume replications without speed degradation.
Read-Only Source Port	There is no option to disable this built-in feature and it is integrated with all U-Reach duplicators.
Cable-free Hardware Design	- The rail-guiding module design allows for quick device connections and disconnects. - Modular-designed ports effectively reduce downtime and is cost-effective for long-term ownership.
Image Management	Allows user to transfer multiple master images from PC and store them in the duplicator's internal storage device.



Event Log Management	• 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 front USB port and are saved to USB devices.
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Product Models

Photos	Models	Target Ports
	NV-BM600CFX	1:5

Product Functions

Functions	Descriptions
4 Copy Modes	• <u>Quick Copy (Data & System)</u>: Supports Windows, Mac, and Linux. • <u>All Partitions</u>: Users can skip HPA or unknown partitions. • <u>Whole Device</u>: Copies bit-by-bit from the master device. • <u>Percentage Copy</u>: Users can set percentages of capacity to be copied.
Compare (Verification)	• Bit-by-bit data comparison from the source device to target device(s).
5 Sanitization Modes	• Quick Erase • Full Erase (NIST 800-88) • DoD3 Pass (DoD 5220.22-M) • DoD3 Pass+Compare (DoD 5220.22-M) • Secure Erase
Skip Bad Sectors	• Choose the number of bad sectors to skip.
Unknown Format	• Choose to copy or skip unknown formats.
Erase Source Port	• Enable or disable source port from being erased.
Device Power-up	• Choose time to wait for the device to power up prior to copy, erase, etc.
Device Power-down	• Choose time to wait for the device to power down prior to disconnection.
Scroll Lock	• Disable or enable ▲ and ▼ buttons on the control panel.
Language	• English or Japanese.
Log Manager	• Manage and export log reports.

Product Compatibilities

Compatibilities	Descriptions
Compatible Devices	• CFexpress type B cards
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	• Backlit Monochrome LCD Display
LEDs	• 3 LED Indicators per Port: • Yellow (Power), Green (Pass), and Red (Fail)
Control Panel	• 4 Push Buttons (▲, ▼, OK, ESC)
Power Requirements	• <u>Universal Power</u>: 115VAC or 230VAC, 50/60Hz
Operational Temperature	• 0°C ~ 60°C (32°F ~ 140°F)
Non-operational Temperature	• -20°C ~ 85°C (-4°F ~ 185°F)
Humidity	• <u>Operating</u>: 20% ~ 95%, non-condensing • <u>Non-operating</u>: 5% to 95%, non-condensing
Packaging Dimensions (L×W×H)	• <u>NV-BM600CFX</u>- 239.78 mm x 265.18 mm x 152.4 mm (17 in. x 16.5 in. x 15.5 in.)
Product Weight	• <u>NV-BM600CFX</u> – 9.07 kg (20.0 lbs.)



Certifications	• FCC, CE, RoHS, and REACH
MIL-STD-810H	• 500.6 / 501.7 / 502.7 / 507.6
ISO/IEC	• 27037, 27041, 27042, 27043, and 27050

More Information

For additional details on the U-Reach® NV-BM Series, please visit: <http://www.ureach-usa.com>



Specifications are subject to change without notice.