

Standalone M.2 SATA & M.2 NVMe Duplicator and Eraser - HDD/SSD Cloner/Wiper for M.2 PCIe AHCI/NVMe, M.2 SATA, 2.5/3.5" SATA Drives - External Hard Drive Eraser/Duplicator, TAA

Product ID: SM2DUPE11



This flexible 1-to-1 drive duplicator and eraser provides a standalone solution for cloning and sanitizing hard drives (HDD) and solid state drives (SSD) without computers or software. The drive duplicator/sanitizer can clone drives at up to 7.5GB per minute, and supports a wide variety of drive types:

- M.2 PCIe drives (sized 2230/2242/2260/2280/22110)
- M.2 SATA drives (sized 2230/2242/2260/2280/22110)
- 2.5 in. SATA drives
- 3.5 in SATA drives

Supporting different types of drives including M.2 PCIe (M-Key), M.2 SATA (B+M-Key), and SATA 2.5/3.5 in. drives, this HDD/SSD cloner and wiper provides a versatile solution for drive cloning and deleting applications. The drive cloner enables duplication with any combination of drives, supporting duplication between M.2 (NVMe/AHCI), M.2 SATA, and 2.5/3.5" SATA drive interfaces. You can also expand the capabilities of the device to supporting IDE and mSATA drives using StarTech.com drive adapters: SATA to IDE Adapter (SAT2IDEADP) / SATA to mSATA Adapter (SAT32MSAT257) (each sold separately).

To ensure compatibility with your drives the duplicator and eraser has been rigorously tested with a wide variety of drive models from different drive manufacturer including Samsung 850, 860, 870, 950, 960, 970, WD, HP, and Intel.

To support a wide variety of applications this drive cloner and sanitizer supports different duplication and erasing modes with Adjustable Host Protected Area (HPA) settings to include/exclude partitions. When duplicating the device supports: System & File, All Partitions, Whole Drive and Percentage Duplication. When erasing the device supports: Quick Erase, Full Erase (Single & 3-Pass) and Secure Erase (Clear/Purge, meets NIST SP 800-88 Rev 1).

Featuring an intuitive button-operated interface, and full on-screen display (OSD) for increased manageability, this drive duplicator and cloner is easy to operate. To monitor and observe your duplication and erasing processes the device features LED indicators for Power/Activity, Status and Errors, and the OSD Menu options include Error

Reporting, and Presenting Drive Info.

StarTech.com conducts thorough compatibility and performance testing on all our products to ensure we are meeting or exceeding industry standards and providing high-quality products to IT Professionals. Our local StarTech.com Technical Advisors have broad product expertise and work directly with our StarTech.com Engineers to provide support for our customers both pre and post-sales

Certifications, Reports and Compatibility



Applications

- Duplicate between M.2 NVMe, M.2 SATA, and 2.5/3.5" SATA drive interfaces
- Securely erase your drive to meet NIST SP 800-88 Rev 1 standards
- Expand the capabilities to support IDE and mSATA drives using StarTech.com drive adapters: [%product id="SAT2IDEADP" text=" SATA to IDE Adapter (SAT2IDEADP)"%] / [%product id="SAT32MSAT257" text=" SATA to mSATA Adapter (SAT32MSAT257)"%] (each sold separately)

Features

- **BROAD DRIVE COMPATIBILITY:** Standalone Dual Bay 1-to-1 duplicator / eraser for M.2 PCIe NVMe (M-Key), M.2 SATA AHCI (B+M-Key), SATA 2.5/3.5in drives; Clone at up to 7.5GBpm; No PC/software required; Duplicate between M.2 NVMe/SATA and 2.5/3.5in SATA drives
- **CONFIGURABLE DUPLICATION MODES:** SSD/HDD cloner supports multiple modes: System/File, All Partitions, Whole Drive / Percentage Duplication; Adjustable Host Protected Area (HPA) settings to include/exclude partitions
- **ERASE MODES:** Drive wiper modes: Quick Erase, Full Erase (Single/3-Pass, DoD 5220.22-M), Secure Erase (Clear/Purge, NIST SP 800-88 Rev1), Cryptographic Erase; Adjustable HPA; Upgradeable firmware meets DoD/Government standards; TAA Compliant
- **EASY TO USE:** External drive duplicator/sanitizer has intuitive button-operated interface w/ full on-screen display (OSD) for increased manageability; Menu incl: Error Reporting, Present Drive Info; LED indicators (Power/Activity, Status, Error); Tool-less
- **WIDE COMPATIBILITY:** M.2 NVMe duplicator supports M.2 NGFF SSDs sized 2230/2242/2260/2280/22110; M.2 NVMe / M2 SATA drives incl. Samsung 850/860/870/950/960/970, WD, HP, and Intel; 2.5"/3.5" SATA HDD/SSD; Supports IDE/mSATA using SAT2IDEADP/SAT32MSAT257

Hardware

Warranty	2 Years
Number of Drives	2
Drive Size	M.2, 2.5in, 3.5in
Compatible Drive Types	SATA
	M.2 (PCIe, NVMe, M-Key, NGFF)
	M.2 (PCIe, AHCI, M-Key, NGFF)
	M.2 (SATA, B+M-Key, NGFF)

Performance

Duplication Modes	System and File
	All Partitions
	Sector by Sector (Whole Drive)
	Percentage Copy
Duplication Speed	7.5GBpm
Erase Modes	Quick Erase
	1-Pass Overwrite (NIST SP 800-88 Rev 1 - Clear)
	3-Pass Overwrite
	Secure Erase (NIST SP 800-88 Rev 1 - Purge)
	Enhanced Secure Erase (NIST SP 800-88 Rev 1 - Purge)
	Cryptographic Erase
Max Drive Capacity	Currently tested with drives up to 16TB in size
Insertion Rating	5000 Cycles (Per Connector)

Connector(s)

Drive Connectors	2 - M.2 (PCIe, SATA, M-Key, NGFF)
	2 - SATA Data & Power Combo (7+15 pin)

Software

OS Compatibility OS independent; No software or drivers required

Special Notes / Requirements

Note For duplication, the destination drive must be of equal or greater size than the source drive.

Speed of up 7.5 GB per minute was achieved in a bench mark testing environment, actual speed will depend on hard drive model, algorithm and other factors. Results will vary.

Indicators

LED Indicators

- 2 - Source Drive Power Indicator
- 2 - Source Drive Activity Indicator
- 2 - Source Drive Error Indicator
- 2 - Destination Drive Power Indicator
- 2 - Destination Drive Activity Indicator
- 2 - Destination Drive Error Indicator
- 2 - LCD Display

Power

Power Source AC Adapter Included

Input Voltage 110V-240V AC

Input Current 1.4 A

Output Voltage 12V DC

Output Current 5 A

Center Tip Polarity Positive

Plug Type M

Power Consumption (In Watts) 60

Environmental

Operating Temperature 5C to 45C (41F to 113F)

Storage Temperature -20C to 85C (-4F to 185F)

Humidity 20% ~ 80%

Physical Characteristics

Color	Black
Material	Metal
Product Length	7.1 in [18.1 cm]
Product Width	8.2 in [20.8 cm]
Product Height	1.1 in [2.9 cm]
Weight of Product	2.6 lb [1.2 kg]

Packaging Information

Package Quantity	1
Package Length	9.4 in [23.9 cm]
Package Width	18.4 in [46.8 cm]
Package Height	3.7 in [9.5 cm]
Shipping (Package) Weight	6.2 lb [2.8 kg]

What's in the Box

Included in Package	1 - Duplicator Dock
	2 - SATA Drive Extensions Cable
	2 - Anti-Slip/Vibration Pads
	1 - Universal Power Adapter
	5 - Regional Power Cords (NA, JP, EU, UK, ANZ)
	1 - Quick-Start Guide

Warranty Information

Warranty	2 Years
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****Product appearance and specifications are subject to change without notice.***