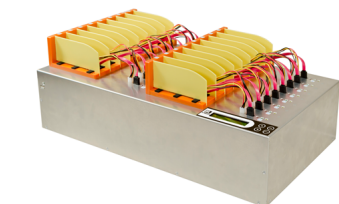


Diasy-Chain HDD / SSD Duplicator and Eraser 1 to 15 (MTC1600H)



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Beschrijving

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MT-Mirror Terabytes Series with Daisy-Chain

Main features of the Duplicator/Eraser 1-15 (MTC1600H)

- High performance up to 15GB transfer speed per minutes.
- Windows(FAT16/32/64, NTFS), Linux(ext2/ext3/ext4), Mac(HFS, HFS+, HFSX.) supports systems & files copy.
- Data Sanitization : quick erase, full erase, DoD erase, and secure Eerase.
- Open-platform Design supports multi-interface HDD/SSD.
- Real-time PC monitoring
- Log report management records all tasks details for better production management.



- [Product Description](#)

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Product Description

MT series is a professional SATA HDD duplicator, specially designed for high volume duplication. U-Reach adopted a unique multitasking technology that can simultaneously copy 15 HDD targets with a high transfer speed of 15 GB per minute.

We guarantee the highest productivity without speed degradation, even as the number of targets increase. The MT series SATA HDD duplicator provides four copy modes: quick smart copy, all partitions copy, percentage copy and whole HDD copy that all meet different duplication task requirements. The quick copy mode copies data and skips blank area. NTFS, Linux (Ext2/Ext3/Ext4), FAT/FAT32 and Mac (HFS, HFSX, HFS+) formats are all supported with quick copy mode.

In addition, the MT series SATA HDD duplicator is equipped with different levels of secure erase functions, Quick Erase, Full Erase, DoD 5220 Erase government standards and Secure Erase, which can fulfill different levels of HDD wiping security.

Daisy-Chain Technology



Features



• Impeccable efficiency

U-Reach SATA HDD duplicator copies at **15 GB/m** on all HDDs simultaneously, without any speed degradation as number of targets increase. This duplicator is great for manufacturers.

• Whole HDD Copy

Whole HDD Copy supports all kinds of partition formats.

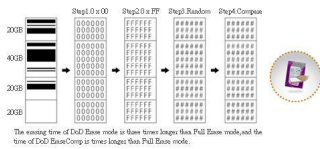
• Systems & Data Copy



This mode can identify the HDD formats of Windows (FAT16/32/64, NTFS), Linux(ext2/ext3/ext4), Mac(HFS, HFS+, HFSX). It will only copy the data and system contained area, which enhances the copying efficiency very much.

• Support 4 types of Erase Mode

1. **Quick Erase:** Erase HDD index table, and only takes A FEW SECONDS to complete
2. **Full Erase:** Erase the complete HDD
3. **DoD Erase:** Complies with the U.S. Department of Defense's standard of erasing.
4. **Secure erase:** A National Institute of Standards and Technology (NIST 800-88) accepted technique for properly purging hard drives. This method is supported by almost all modern SATA HDD.



• Device Compatibility



- Supports GPT, MBR table format
- Supports Advanced format HDD, Up to 15TB above device
- Supported OS: Linux, Unix, Windows, Macintosh, etc. are all supported.

• Open Platform Design

- Supports 3.5" HDD/SSD



- Supports 2.5" HDD/SSD



• MT Series HDD Duplicator with Real-Time PC Monitoring

It is absolutely perfect for MONITORING the work progress during operation. It shows all the information for EVERY PORT, which is a powerful tool for sorting out the lagging writing HDD and keeping the operation in most efficient. All the information you need will be shown on screen of PC

PC-Link/ Server-Link Technology



1. It's able to monitor HDD MT Series HDD Duplicator with duplication status from PC while duplicators are connected to it.

Port	Device	Capacity	Model	Serial No.	Result
01	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass
02	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass
03	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass
04	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass
05	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass
06	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass
07	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass
08	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass
09	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass
10	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass
11	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass
12	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass
13	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass
14	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass
15	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass

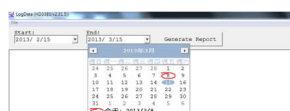
2. Shows and records the brand name, model, S/N, duplication time, result of every HDD from all the ports, the info of both source HDD and target HDD are recorded.

Port	Device	Capacity	Model	Serial No.	Result
01	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass
02	7F_2147720_1980	127.50 MB	8079	07F0000000000000	Pass

3. Slow R/W speed HDD detection: lagging HDD can be easily sorted because user can see the duplication speed of every port via the "Event Log"

Port	Status	Progress	Speed	Capacity	Model
01	READ	7F_2147720_1980	127.50 MB	8079	07F0000000000000
02	WRITE	7F_2147720_1980	127.50 MB	8079	07F0000000000000
03	WRITE	7F_2147720_1980	127.50 MB	8079	07F0000000000000

4. To select a period of time in order to export part of the log data. Just one click, the data will be exported into .txt file and saved on PC. The date of export is the file name. (e.g. 20130308.txt)



• MT Series HDD Duplicator with Log Report Management

- Records operation time, each port's process details, including HDD's model, capacity, S/N, result (pass, fail).
- Real-Time recording and viewing Log Report via PC-Link.

Print Date: Fri Mar 08 16:00:18 2013
 Machine Name :
 Machine Model : H3381
 Machine Version : 2.31.5
 Machine ID : 130111462256661207655808
 Port Quantity : 301
 Start Date : 2013-03-15
 End Date : 2013-03-08

 Job: COPY
 Time Start: 2013-03-08 14:59:26
 End: 2013-03-08 15:03:59
 Source Data Size : (21,908,496,000 sectors)
 Copy Area : System and Files
 Quantity: Total: 5
 Pass: 5
 Fail: 0
 Time of execution: File name of HDD: HDD S/N:
 (Print Record)
 Port04: 2013-03-08 14:59:26 186 seconds [C:\WINDOWS] [405-708097771548]
 Port05: 2013-03-08 14:59:26 186 seconds [C:\WINDOWS] [405-708097771548]
 Port06: 2013-03-08 14:59:26 186 seconds [C:\WINDOWS] [405-708097771548]
 Port07: 2013-03-08 14:59:26 186 seconds [C:\WINDOWS] [405-708097771548]
 Port08: 2013-03-08 14:59:26 186 seconds [C:\WINDOWS] [405-708097771548]
 Port09: 2013-03-08 14:59:26 186 seconds [C:\WINDOWS] [405-708097771548]
 Port10: 2013-03-08 14:59:26 186 seconds [C:\WINDOWS] [405-708097771548]
 Port11: 2013-03-08 14:59:26 186 seconds [C:\WINDOWS] [405-708097771548]
 Port12: 2013-03-08 14:59:26 186 seconds [C:\WINDOWS] [405-708097771548]

 Job: DSD BRIDGE
 Time Start: 2013-03-08 15:22:21
 End: 2013-03-08 15:24:36
 Quantity: Total: 4
 Pass: 4
 Fail: 0
 (Print Record)
 Port04: 2013-03-08 15:22:21 112 seconds [D:\WINDOWS] [405-708097771548]
 Port05: 2013-03-08 15:22:21 112 seconds [D:\WINDOWS] [405-708097771548]
 Port13: 2013-03-08 15:22:21 112 seconds [D:\WINDOWS] [405-708097771548]
 Port14: 2013-03-08 15:22:21 112 seconds [D:\WINDOWS] [405-708097771548]

 Content was protected by Invisible Ink Technology! Please check it by UV02.exe

- Log report .txt file can be generated via USB port and saved to USB device



- It can save up to 130,000 piece of log. One instruction onto one HDD is recorded as one piece of log. (e.g. duplication from 1 HDD to 21 targets will be recorded to 21 pieces of log)



- Auto power control system

When the duplicator stops executing any function, the HDD Copier will automatically cut off the power of each port to protect the HDD from damage during removal from the duplicator. The power of each port will only be supplied when the operation is running.



- Standalone operation

There are two modes of operation available for selection, standalone and PC-link operation, each meeting different demands. Standalone is excellent in simplifying operation and very user-friendly (all duplication jobs can be completed via input through 4 buttons).

Specification

Model	MTC1600H
Targets	1:15
Buffer	128MB
Maximum Speed	15 GB/min
Supported Copy Format Supported	All Partitions/ Whole HDD Copy: All Formats Quick Copy: FAT16/32, exFAT, NTFS, Linux(ext2/ext3/ext4), HFS/HFS+/HFSX
Operating Type	Stand-alone
Language Support	Real-time PC monitoring
Display	English, Japanese
Status LED	Monochrome LCD Display
Control Button	LED(Red/Green/Yellow) on each slot
Copy Function	4 push buttons(?, ?, OK, ESC)
	Quick Copy
	All Partitions Copy
	Whole HDD Copy
	Percentage Copy
Bad sector counting	Yes
Support Bad-Sector Tolerance	Yes
Compare Function	Yes
Erase Function	Quick erase, full erase, DoD erase, Secure Erase
Real-Time PC Monitoring	Yes
Log Report Management	Real-Time recording and viewing via PC-Link

Log report .txt file can be generated via USB port and saved to USB device


Compatibility

Operation system supported
HDD/SSD Compatible
HDD/SSD Compatible (via adapter)
Support MBR, GPT
Support Advanced Format HDD(15TB Above)
Guiding Module
Swappable Module
Support Automatic power control
Power Supply
Working Temperature
Storage Temperature
Working Humidity
Storage Humidity
Regulations


All (Windows, Linux, RAID, Other stand-alone systems)
1.8"/2.5"/3.5" SATA HDD and SSD
2.5", 3.5" IDE HDD, mSATA SSD, micro SATA, eSATA, iVDR
Yes
Yes
Yes
Yes
Adjustable Voltage 100V-240V, 50/60Hz.
5°C ~ 45°C
-20°C ~ 85°C
20% ~ 80%
5% ~ 95%
FCC, CE, RoHS




* The actual specification may subject to change without notice.

Comparison Chart



HDD/SSD Duplicator / Eraser Comparison Chart



Series	IT	MT	MT5-SAS	Super1
Ports	1-3; 1-7; 1-15	1-7; 1-15; 1-23	1-3; 1-7; 1-15	1-1~1-11; 1-15; 1-24; 1-37
Speed	G: 9GB/min H: 18GB/min U: 30GB/min	G: 9GB/min H: 18GB/min U: 30GB/min	18 GB/min	9 GB/min
Supported Protocol	SATA	SATA	SAS & SATA	SATA
Copy and Erase	V	V	V	V
HPA Copy/Erase	V	V	V	
Output Log Report	V	V	V	
PC Monitor	V	V	V	
Asynchronous Erase Button			V	
Daisy-chain		MTC1600H (15GB/min)		
Hardware Design	Guide Rail Design 	Open-platform Design (Easy to support multi-interface HDD/SSD) 		Support 2.5" SATA through optional adapter 

The Data Equipment Expert copier, duplicator, sanitizer www.ureach.eu

Video



