

High-Speed Hard Disk(HDD) /SSD Duplicator 1 to 7 (IT700H)



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ITH- Professional High-speed Series

Main features of the Hard Disk(HDD) /SSD Duplicator 1-7 (IT700H)

- Speed transfers of up to 18GB per minute.
- Systems & files copy mode supports Windows (FAT16/32/exFAT, NTFS),Linux (ext2/ext3/ext4), Mac (HFS, HFS+, HFSX).
- Data Sanitization: quick erase, DoD erase, and secure erase.
- Real-Time PC Monitoring.
- Log report management records all task details for better production management.
- Cable free connection for easier HDD insertion & removal.



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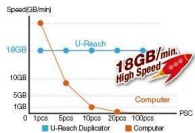
Product Description

IT series is a professional SATA HDD duplicator, specially designed for high-volume duplication. U-Reach adopted a unique multitasking technology, it can simultaneously copy 7 HDD targets with a high transfer speed of 18GB per minute.

We guarantee the highest productivity without speed degradation even as the number of targets increase. The IT 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 (16/32/64), and Mac (HFS, HFS+, HFSX) formats are all supported with quick copy mode.

In addition, the IT 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 security for HDD wiping.

Features



• Impeccable efficiency

U-Reach SATA HDD duplicator is capable of copying at **18 GB/m** on all HDDs simultaneously, without any speed degradation as number of targets increase. This duplicator is great for manufacturers.



• Systems & Data Copy

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



• 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.

• Support a Variety of Interfaces

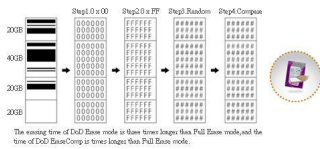
Supports IDE, mSATA, Micro SATA, M.2 (NGFF), and CFast Card (requires adaptors).



• 4 Sanitization Methods

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.

IT-H Series: High-Speed Hard Disk(HDD) /SSD Duplicator 1 to 7 (IT700H)



- **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

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- **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 efficient. All the information you need will be shown on a PC screen.



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

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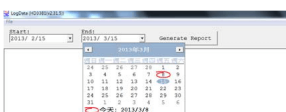
2. Shows and records the brand name, model, S/N, duplication time, result of every HDD from all the ports, the info of both sources HDD and target HDD are recorded.

Port	Status	Progress	Speed	Capacity	Model	Version	Serial No.
01	READ	43,924 (4355, 12MB)	132.63 MB/s	149,056B	803140013AB	OC20	903730EV
02	WRITE	43,064 (4250, 12MB)	129.70 MB/s	465,76CB	223000413AB	OC18	9001607E

- 3.Slow R/W speed HDD detection: lagging HDD can be easily sorted, because user can see the duplication speed of every port by “Event Log”.

Port	Status	Progress	Speed	Capacity	Model
01	READ	70.21k (7720.19MB)	117.56 MB/s	149.05GB	873140113A0
02	WRITE	70.08k (7707.19MB)	129.57 MB/s	465.76GB	873500418A0
03	WRITE	70.05k (7704.69MB)	129.40 MB/s	465.76GB	873500413A0

- 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)



- **Standalone operation**

Simplifying operation and user friendly , operating on four buttons of duplicator would complete all the jobs.

Specification



Model	IT700H
Targets	1-7
Speed	18GB/min. (300MB/sec.) *Actual performance is dependent on HDD transfer rates.
Specifications	<p>Operating Type Stand-alone, non PC-based operation</p> <p>Supported Formats Copy Modes: All Partitions/Whole HDD/Percentage copies all types of formats, both known, and unknown. Quick Copy: FAT16/32/64, Windows (NTFS), Mac (HFS/HFS+/HFSX), and Linux (Ext2/3/4).</p> <p>Language Support English, Japanese</p> <p>LCD Display Backlit Monochrome LCD Display</p> <p>LEDs 3 LED Indicators per Port: Yellow (Power), Green (Pass), Red (Fail)</p> <p>Control Panel 4 Push Buttons (P, F, OK, ESC)</p> <p>Features</p> <p>Copy Modes Quick Copy, All Partitions Copy, Whole HDD Copy, and Percentage Copy</p> <p>Skip Bad-Sectors Manually set (<i>Bad sector</i>) threshold range to skip during copy process</p> <p>Compare Function Bit-by-bit hardware-accelerated data comparison</p> <p>Sanitization Modes Quick Erase, Full Erase, DoD Erase, and Secure Erase</p> <p>Special Features</p> <p>PC Monitoring Real-time status monitoring through PC</p> <p>Log Report Monitor real-time recordings and Log Reports via PC-Link Event log reports are generated through the USB port and saved to USB devices</p> <p>Compatibilities</p> <p>OS Supported All (Windows, Linux, and other stand-alone systems)</p> <p>Compatible Adapters w/o 1.8"/2.5"/3.5" SATA HDDs and SSDs w/ IDE, microSATA, mSATA Adapters SATA and M.2</p> <p>Advanced Formats Supports MBR, GPT, and Advanced formats.</p> <p>Hardware</p> <p>Power Supply Adjustable voltage 115V-240V, 50/60Hz</p>

Specifications

Operating Temperatures:
5°C ~ 45°C (41°F ~ 113°F)

Storage Temperatures:
-20°C ~ 85°C (-4°F ~ 185°F)

Humidity Working Humidity: 20% ~ 80%; Storage Humidity: 5% ~ 95%

Certification FCC, CE, RoHS

Comparison Chart



HDD/SSD Duplicator / Eraser Comparison Chart



Series	IT	MT	MTS-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		MTS1600H (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 | Customized | Replication | Sanitization

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