

The Ultimate HDD Copy and Test Station

Rapid Image™ 7020 Complete Solution

Based on proven technology from the Company that pioneered Hard Drive Duplication and brought you the ImageMASter 2000 & 4000 units that last forever!
Incredible speed exceeding 6GB/min to 19 Drives simultaneously!



Rapid Image 7020CS is a compact Hard Drive Duplicator designed to copy 1 "Master" hard drive to 19 "Target" hard drives simultaneously at speeds exceeding 6 GB/minute. It can also be configured to have up to 4 "Master" hard drives to store images and copy to up to 16 "Target" hard drives with no speed degradation.

Key features

- Copies 1 "Master" hard drive to 19 "Target" hard drives or 4 "Master" hard drives to 16 "Target" hard drives at speeds exceeding 6 GB/minute.
- Operating System: Uses Windows XP Professional with full Gigabit network connectivity.
- User Interface: Uses 8" touch screen LCD. No need for an external display, mouse or keyboard.
- Speed: Copies IDE drives at full Ultra-DMA 6 speed. Copies SATA-I, SATA-II and SAS drives at their respective speeds. SAS drive's transfer rates exceeds 6GB/min for 16 "Target" drives.
- Quick Drive Detection: Can detect 20 drives in less than one minute.
- Drive Auto-Insertion Mechanism: Consists of two Drive Docking and Two Drive Caddy Housings. Both are removable and each can host 8 drives with **cable-less** insertion and ejection mechanism for SATA and SAS drives. Each of the Drive Housings has built-in cooling fans with temperature sensors to keep hard drives operating optimally.
- Can use up to 4 "Master" Hard Drives. The Unit has the ability to download an image from the Gigabit network to one of the "Master" hard drives while the unit is copying from another "Master" drive to "Target" Hard Drives with minimum speed degradation. At the end of the process the "Master" hard drive can be re-assigned automatically by the application. The "Master" drives can be easily inserted into a cable free removable, cooled Caddies.
- Easy Maintenance: The **cable-less** insertion mechanism incorporates a small, low cost and easy to replace connector board (SAS/SATA board and IDE board) for every slot.
- Supports HPA/DCO.



Available Options

- Drive Docking and Caddy for 2.5" SATA hard drives.
- IDE Support: Each Drive slot is also capable of supporting IDE drives. This is achieved by replacing the small interface boards with short IDE cables.
- Protective "flip" window to protect the touch display for use in harsh environments.
- Status Light Tower.



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Rapid Image™

Unit's Software and Windows-based advantages

- Unit provides multiple operational Copy Modes such as: IQCOPY (Allocated Cluster Copy), Full Image, Percentage Image (All Sector Copy), Verify, Hashing Mode (CRC32, MD5 to SHA-1, SHA-2) and WipeOut.
- IQCopy mode copies only allocated clusters and supports partition scaling for Windows File Systems, LINUX, OS10 and SOLARIS Operating Systems.
- Remote Monitor and Control Network Application software that remotely controls and monitors each duplicator that is connected to the network.
- Database Option: Statistical data collection in an SQL database format from every system and drive. Information such as Unit SN, Drive Slot, Image Size and Name, Drive Model Type and S/N, Time Date Stamp, Results and more are recorded.
- Full Windows access to each "Master" and "Target" drive: Source Drive's Write-Protect property can be disabled to allow for easy modification or viewing by any Windows applications.
- Run multiple instances of the duplication applications for more flexible configurations.
- Intuitive 3 level graphical User Interface (Advanced, Simple and Wizard): Operational Wizard allows user to easily operate the unit. Advanced Settings can also be selected for low level control.
- Lock setting for secure operation.
- The 1GB Ethernet connectivity, along with ICS MultiMASter technology provides easy image management capabilities which helps free up "Master" drives.
- Upload and Download images from/to the network.
- Future support for WIM image transfers to different "Target" drives in the same load.
- Future support for Barcode Readers for production flow integration.
- Future optional software: Extensive Drive Diagnostics.

Available models

- **Rapid Image 7020**
Copies 1 to 4 "Master" Drives to 19 to 16 "Target" Drives respectively.
- **Rapid Image 7012**
Copies 1 to 4 "Master" Drives to up to 11 to 8 "Target" Drives respectively.



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