HARD DISK MANAGER 14 / FULL FEATURES LIST

Features	HDM 14 Suite
Drive Partitioning	
Create Partition	✔
Express Create Partition	✔
Format Partition	✔
Delete Partition	✔
Undelete Partition	✔
Move/Resize Partition	✔
Express Resize Partition	✔
Redistribute Free Space	✔
Split Partition	✔
Merge Partitions	✔
Convert File System (FAT16/32 <>NTFS, NTFS<>HFS)	✔
Assign/Remove Drive Letter	✔
Hide/Unhide Partition	✔
Mark Partition as Active/Inactive	✔
Change Cluster Size	X
Change Volume Label	✔
Change Serial Number	X
Change Partition ID	X
Downgrade NTFS Version	X
Convert Dynamic to Basic	X
Convert GPT to Basic MBR	X
Convert Basic MBR to Basic GPT	✔
Make Partition Logical/Primary	✔
View Sectors	✔
Edit Sectors	X
Change Primary Slots	X
Data Backup & Restore	
Backup to VD (pVHD, VHD, VMDK)	✔
Incremental Backup to VD (merge of increments included)	✔
Cyclic Backup to VD	X
Restore from VD	✔
Smart Backup (Sector or File Backup)	✔
Differential Backup	✔
Sector Increments	X
File Increments	✔
File Complements	✔
Synthetic Backup	X
Cyclic Backup	X
Backup to SFTP/FTP	✔

(Sector or File Backup)	
Backup Capsule	✔
Backup to CD/DVD/Blu-ray	✔
Mount Images	✔
Restore to dissimilar sector size (from a 512-byte hard disk to a 4k hard disk, etc.)	✔
Selective Restore	✔
Archive Database	✔
Check Archive Integrity (PBF images and virtual containers)	✔
Check Recovery Discs	✔
Asynchronous data transfer for backup operations	✔
Password protection for file backups	✔
Automatic backup/restore of ACL (Access Control List) for file backups	✔
Boot Management	
Boot Manager	✔
Install New OS	✔
Update MBR	✔
Data Consistency Checkup	
Check File System Integrity and Data Loss Protection Policies	✔
Test Surface	✔
File System Optimization	
Automatic partition alignment	✔
Defragment MFT	X
Compact MFT	X
Copy and Migration	
Complete uEFI support (in P2V, restore, copy under Windows, WinPE, Linux)	✔
GPT Loader	X
Migrate OS to SSD	✔
Hard Disk Copy	✔
Partition Copy	✔
Copy to dissimilar sector size (e.g. from a 512-byte hard disk to a 4k hard disk)	✔
Copy with Resize (increase)	✔
File Transfer Wizard	✔
Volume Explorer	✔
Virtualization and Migration	
Connect VD	X
Create VD	X
P2V Copy	✔
P2V Restore	X
P2V Adjust OS	✔
P2P Adjust OS	✔
	On WinPE only
Supported Virtual Machines	
MS Virtual PC	✔
MS Virtual Server	X

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MS Hyper-V	X
VMware Workstation	✔
VMware Fusion	✔
VMware ESX Server	X
Oracle VirtualBox 4.0	✔
Automatization	
Virtual Operations	✔
Generate Script	X
Save to Scheduler	✔
Support of the restart-free installation	✔
Shutdown on Complete	✔
Data Sanitizaion	
Wipe a Disk/Partition	✔
Clear Free Space	✔
Supported Wipe Algorithms	
US DoD 5220.22-M	✔
US Navy standards NAVSO P-5239-26	X
British HMG Infosec Standard No.5	X
German VSItR Standard	X
Australian ASCI 33	X
Russian GOST	X
Peter Gutmann's algorithm	X
Bruce Schneier's algorithm	X
Paragon's Algorithm	X
Custom Algorithm	✔
User Interface	
New UI fully compatible with the Windows 8 streamlined, tile-oriented interface	✔
Predefined GUI Layouts	✔
Support for Barrier Free Software	✔
Supported Technologies	
Windows Storage Spaces	✔
Paragon Hot Processing	✔
Microsoft Volume Shadow Copy Service (MS VSS)	✔
Synchronous backup of multiple volumes (via MS VSS)	X
Supported Partitioning Schemes	
View a dynamic volume	✔
Convert an MBR dynamic disk	X
Convert a GPT dynamic disk	X
Back up a dynamic volume	X
Restore a dynamic volume	X
Hot Processing for a dynamic volume	X
Restore a dynamic volume with autoresize	X
Format a dynamic volume	X
Wipe a dynamic volume	X

Test Surface for a dynamic Volume	X
Check FS for a dynamic volume	X
Edit/View Sectors for a dynamic volume	X
View a GPT disk	✓
Convert to Basic	✓
Create a GPT partition	✓
Format a GPT partition	✓
Delete a GPT partition	✓
Move/Resize a GPT partition	✓
Copy a GPT partition	✓
Copy a GPT disk	✓
Back up a GPT partition/HDD	✓
Restore a GPT partition/HDD	✓
Hot Processing for a GPT partition/HDD	✓
Wipe a GPT partition	✓
Test Surface for a GPT partition	✓
Check File System for a GPT partition	✓
Edit/View Sectors for a GPT partition	✓
View disks of Apple Partition Map	✓

Supported Operating Systems

Windows 2000	✓
Windows XP Home Edition	✓
Windows XP Professional	✓
Windows XP Professional X64	✓
Windows Vista	✓
Windows Vista X64	✓
Windows 7	✓
Windows 7 X64	✓
Windows 8	✓
Windows 8.1	✓
Windows Server 2003 Family	X
Windows Server 2008 Family	X
Windows Server 2012 R1	X
Windows Server 2012 R2	X

Supported File Systems

Backup Capsule	✓
NTFS (V1.2, V3.0, V3.1)	✓
reFS	X
FAT16	✓
FAT32	✓
Ext2FS	✓
Ext3FS	✓
Ext4FS	✓
ReiserFS	X
Linux Swap	✓

HPFS	✔
Apple HFS+	✔
Supported Storages	
Parallel ATA (IDE)	✔
Serial ATA (SATA)	✔
SCSI	✔
SSD (Solid State Drives)	✔
AFD (Advanced Format Drive)	✔
Non-512B sector size drives	✔
2TB+ drives	✔
iSCSI	✔
All levels of SCSI, SATA and IDE RAID controllers	✔
IEEE 1394 (FireWire)	✔
USB 1.0/2.0/3.0	✔
PC Card Storage	✔
Additional for Recovery Environments	
Recovery Media Builder (Linux/WinPE on flash/ISO)	✔
Boot Media Builder (Linux/WinPE on CD/DVD/flash/ISO)	✔
WinPE Recovery Media (BIOS/uEFI compatible)	
Linux Recovery Media (BIOS/uEFI compatible)	✔
WinPE Traceroute/Ping Utility	✔
Boot Corrector	✔
Network Configuration	✔
Log Saver	✔