

Features	HDM 12 Suite	HDM 12 Professional
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		
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	✓	✓

HARD DISK MANAGER 12 / FULL FEATURES LIST



Selective Restore	✓	✓
Archive Database	✓	✓
Check Archive Integrity	✓	✓
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	✓	✓
Compact MFT	✓	✓
Copy and Migration		
GPT Loader	X	✓
Migrate OS to SSD	✓	✓
Hard Disk Copy	✓	✓
Partition Copy	✓	✓
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	On WinPE only
Supported Virtual Machines		
MS Virtual PC	✓	✓
MS Virtual Server	X	X
MS Hyper-V	X	X
VMware Workstation	✓	✓
VMware Fusion	✓	✓
VMware ESX Server	X	X
Oracle VirtualBox 4.0	✓	✓
Automatization		
Virtual Operations	✓	✓

HARD DISK MANAGER 12 / FULL FEATURES LIST



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		
Predefined GUI Layouts	✓	✓
Support for Barrier Free Software	✓	✓
Supported Technologies		
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	✓	✓

HARD DISK MANAGER 12 / FULL FEATURES LIST



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 Consumer/Developers Preview	✓	✓
Windows Server 2003 Family	X	X
Windows Server 2008 Family	X	X
Windows 8 Server Beta	X	X
Supported File Systems		
Backup Capsule	✓	✓
NTFS (V1.2, V3.0, V3.1)	✓	✓
FAT16	✓	✓
FAT32	✓	✓
Ext2FS	✓	✓
Ext3FS	✓	✓
Ext4FS	✓	✓
ReiserFS	X	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	✓	✓

HARD DISK MANAGER 12 / FULL FEATURES LIST



IEEE 1394 (FireWire)	✓	✓
USB 1.0/2.0/3.0	✓	✓
PC Card Storage	✓	✓
Additional for Recovery Environments		
Recovery Media Builder with the copy CD/DVD functionality	✓	✓
WinPE 3.0 Recovery Media	✓ (through BMB only)	✓ (through BMB only)
Linux Recovery Media	✓	✓
WinPE Traceroute/Ping Utility	✓	✓
Boot Corrector	✓	✓
Network Configuration	✓	✓
Log Saver	✓	✓