



Features	HDM 11 Suite	HDM 11 Professional
Drive Partitioning		
Create Partition	✓	✓
Express Create Partition	✓	✓
Format Partition	✓	✓
Delete Partition	✓	✓
Undelete Partition	✓	✓
Move/Resize Partition	✓	✓
Express Resize Partition	✓	✓
Redistribute Free Space	✓	✓
Merge Partitions	✓	✓
Convert File System	✓	✓
Assign/Remove Drive Letter	✓	✓
Hide/Unhide Partition	✓	✓
Mark Partition as Active/Inactive	✓	✓
Change Cluster Size	Х	✓
Change Volume Label	✓	✓
Change Serial Number	✓	✓
Change Partition ID	✓	✓
Downgrade NTFS Version	Х	✓
Convert Dynamic to Basic	Х	✓
Convert GPT to Basic MBR	✓	✓
Convert Basic MBR to Basic GPT	✓	✓
Make Partition Logical/Primary	✓	✓
View Sectors	✓	✓
Edit Sectors	✓	✓
Change Primary Slots	✓	✓
Data Backup & Restore		
Smart Backup	√	1
(Sector or File Backup)	· ·	
Differential Backup	√	✓
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	√	√
Selective Restore	✓	✓
Jelective Restore	<i>→</i>	







Check Recovery Discs Boot Management Boot Management Boot Management Sold Management Wirtual Severe Sold Management Work Management Wo	Check Archive Integrity	✓	✓
Boot Manager Install New OS Update MBR Update MBR Data Consistency Checkup Check Rile System Integrity and Data Loss Protection Policies Test Surface File System Optimization Automatic partition alignment Oberfagment TRYS, RIT (through Total Defrag) Uchrough Total Defrag) Compact MFT (through Total Defrag) Copy and Migration GPT Loader X V Migrate OS to SSD Ard Defrage Wisher Wisher V V V V V V V V V V V V V	Check Recovery Discs	✓	✓
Boot Manager Install New OS Update MBR Update MBR Data Consistency Checkup Check Rile System Integrity and Data Loss Protection Policies Test Surface File System Optimization Automatic partition alignment Oberfagment TRYS, RIT (through Total Defrag) Uchrough Total Defrag) Compact MFT (through Total Defrag) Copy and Migration GPT Loader X V Migrate OS to SSD Ard Defrage Wisher Wisher V V V V V V V V V V V V V	Boot Management		
Install New OS Update MBR Data Consistency Checkup Check File System Integrity and Data Loss Protection Policies File System Optimization Automatic partition alignment Defragment MTFs, EAT (through Total Defrag) Compart MFT (through Total Defrag) Compart MFT (through Total Defrag) Copy and Migration GPT Loader Migrate Os to SSD Mard Disk Copy Faritiion Copy Copy with Resize (increase) File Transfer Wizard Volume Explorer Virtualization and Migration Connect VD X Y P2V Restore P2V Adjust OS Supported Virtual Machines MS HyperV MWare Exister MS HyperV MWare Exister MS Firtual Server MS Firtual Server MS Firtual Server MS HyperV MWare Exister MY MY MWare Exister MY M		✓	✓
Check File System Integrity and Data Loss Protection Policies Test Surface File System Optimization Automatic partition alignment V Peragement MT (through Total Defrag) Compact MTT (through Total Defrag) Compact MTT (through Total Defrag) Copy and Migration OFT Loader Migrate OS to SSD Hard Disk Copy Partition Copy Copy with Resize (increase) File Transfer Wizard Votume Explorer Virtualization and Migration Connect VD Create VD Pav Adjust OS Supported Virtual Machines MS Virtual Server MS Hyper-V VMware Exiserer V Automatization Virtual Operations V Automatization Virtual Operations V Automatization Virtual Operations V Automatization Virtual PC MS Hyper-V VMware Exiserer X X VMware Exiserer X X VMware Fusion Virtual Operations Virtual Operations V Automatization Virtual Operations Conect Script		✓	✓
Check File System Integrity and Data Loss Protection Policies Test Surface File System Optimization Automatic partition alignment V	Update MBR	✓	✓
Check File System Integrity and Data Loss Protection Policies Test Surface File System Optimization Automatic partition alignment V	Data Consistency Checkup		
Test Surface File System Optimization Automatic partition alignment Defragment NTFS, FAT (through Total Defrag) Defragment MFT (through Total Defrag) Compact MFT (through Total Defrag) Copy and Migration GPT Loader Migrate OS to SSD Hard Disk Copy Partition Copy File Transfer Wizard Volume Explorer Virtualization and Migration Connect VD Create VD PaV Copy PaV Adjust OS Supported Virtual Machines MS Virtual Server MS Virtua		✓	✓
Automatic partition alignment Defragment NTFs, FAT (through Total Defrag) Defragment MFT (through Total Defrag) Compact MFT (through Total Defrag) Copy and Migration GFT Loader Migrate OS to SSD Hard Disk Copy Partition Copy Copy with Resize (increase) File Transfer Wizard Volume Explorer Virtualization and Migration Connect VD Create VD AV P2V Copy P2V Restore P2V Adjust OS Supported Virtual Machines MS Virtual PC MS Virtual Server MS VIrtual		✓	✓
Automatic partition alignment Defragment NTFs, FAT (through Total Defrag) Defragment MFT (through Total Defrag) Compact MFT (through Total Defrag) Copy and Migration GFT Loader Migrate OS to SSD Hard Disk Copy Partition Copy Copy with Resize (increase) File Transfer Wizard Volume Explorer Virtualization and Migration Connect VD Create VD AV P2V Copy P2V Restore P2V Adjust OS Supported Virtual Machines MS Virtual PC MS Virtual Server MS VIrtual	File System Optimization		
Defragment NTS, FAT (through Total Defrag) Defragment MFT (through Total Defrag) Compact MFT (through Total Defrag) Copy and Migration GPT Loader Migrate OS to SSD Hard Disk Copy Partition Copy Copy with Resize (increase) File Transfer Wizard Volume Explorer Virtualization and Migration Connect VD Create VD P2V Copy P2V Restore P2V Adjust OS Supported Virtual Machines MS Virtual Server MS Hyper-V VMware Existore MS Virtual Server MS Hyper-V VMware ESX Server Oracle Virtualbox Automatization Virtual Operations Generate Script V V V V V V V V V V		✓	✓
(through Total Defrag) Defragment MFT (through Total Defrag) Compact MFT (through Total Defrag) 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 Create VD Pav Kestore Pav Adjust OS Supported Virtual Machines MS Virtual Server MS Hyper-V VMware Exis Server N X VMust Operations Generate Script Virtual Operations Generate Script		✓	✓
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Copy and Migration GPT Loader Migrate OS to SSD Hard Disk Copy Partition Copy Copy with Resize (increase) File Transfer Wizard Volume Explorer Virtualization and Migration Connect VD Create VD X P2V Copy X P2V Copy X P2V Restore X P2V Adjust OS P2P Adjust OS Supported Virtual Machines MS Virtual Server MS Virtual Server MS Virtual Server X VMware Workstation Virtual Box Virtual Box Virtual Box Virtual Departations Virtual Operations Virtual Operations Virtual Operations V Virtual Operations Virtual Operations Virtual Operations Virtual Operations Virtual Operations V Virtual Operations V V V V V V V V V V V V V	_		
Copy and Migration GPT Loader X Migrate OS to SSD	Compact MFT	✓	✓
GPT Loader Migrate OS to SSD Hard Disk Copy Partition Copy Copy with Resize (increase) File Transfer Wizard Volume Explorer Virtualization and Migration Connect VD Create VD Y P2V Copy X P2V Restore P2V Adjust OS P2P Adjust OS Supported Virtual Machines MS Virtual Server MS Virtual Server MS Virtual Server MS Virtual Server X X X X X X X X X X X X X	(through Total Defrag)		
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Partition Copy Copy with Resize (Increase) File Transfer Wizard Volume Explorer Virtualization and Migration Connect VD Create VD X P2V Copy X P2V Restore X P2V Adjust OS P2P Adjust OS Supported Virtual Machines MS Virtual Server MS Hyper-V VMware Fusion VMware ESX Server Oracle VirtualBox Automatization Virtual Operations V V V V V V V V V V V V V	Migrate OS to SSD	✓	✓
Copy with Resize (increase) File Transfer Wizard Volume Explorer Virtualization and Migration Connect VD Create VD X P2V Copy X P2V Restore X P2V Adjust OS Supported Virtual Machines MS Virtual Server MS Witual Server MS Hyper-V VMware Exister X V VMware Exister X V VMware Exister X X V V VMuster Exister X X X V V VMuster Exister X X X V V VMuster Exister X X X V V V V V V V V V V		✓	✓
File Transfer Wizard Volume Explorer Virtualization and Migration Connect VD X Vereate VD X P2V Copy X P2V Restore X P2V Adjust OS P2P Adjust OS Supported Virtual Machines MS Virtual Server MS Virtual Server MS Hyper-V VMware Fusion VMware Fusion VMware ESX Server Oracle VirtualBox Automatization Virtual Operations Generate Script		✓	✓
Volume Explorer Virtualization and Migration Connect VD X Create VD X P2V Copy X P2V Restore X P2V Adjust OS P2P Adjust OS Supported Virtual Machines MS Virtual PC MS Virtual Server X VMware Workstation VMware Fusion VMware ESX Server X Automatization Virtual Operations Generate Script X V V V V V V V V V V V V	Copy with Resize (increase)	✓	✓
Virtualization and Migration Connect VD Create VD X P2V Copy X P2V Restore X P2V Adjust OS P2P Adjust OS Supported Virtual Machines MS Virtual PC X MS Virtual Server X VMware Workstation VMware Fusion VMware ESX Server Automatization Virtual Operations Generate Script X V V V X V V X V V V V V	File Transfer Wizard	✓	✓
Connect VD Create VD X P2V Copy X P2V Restore X P2V Adjust OS P2P Adjust OS Supported Virtual Machines MS Virtual PC MS Virtual Server X X X MS Hyper-V VMware Fusion VMware ESX Server X Automatization Virtual Operations Generate Script X X V X V X V X V X V X V X V X X	Volume Explorer	✓	✓
Connect VD Create VD X P2V Copy X P2V Restore X P2V Adjust OS P2P Adjust OS Supported Virtual Machines MS Virtual PC MS Virtual Server X X X MS Hyper-V VMware Fusion VMware ESX Server X Automatization Virtual Operations Generate Script X X V X V X V X V X V X V X V X X	Virtualization and Migration		
P2V Copy P2V Restore X P2V Adjust OS X P2P Adjust OS Supported Virtual Machines MS Virtual PC X MS Virtual Server X X VMware Workstation VMware ESX Server VMware ESX Server Automatization Virtual Operations Generate Script X V X V V X V V V X V V V		Х	✓
P2V Restore X ✓ P2V Adjust OS X ✓ P2P Adjust OS ✓ Supported Virtual Machines MS Virtual PC X X X MS Hyper-V X X X VMware Workstation X ✓ VMware ESX Server X X X Oracle VirtualBox X X Automatization Virtual Operations ✓ ✓ Generate Script X X X ✓	Create VD	Х	✓
P2V Restore X ✓ P2V Adjust OS X ✓ P2P Adjust OS ✓ Supported Virtual Machines MS Virtual PC X X X MS Hyper-V X X X VMware Workstation X X ✓ VMware ESX Server X X X Oracle VirtualBox X X Automatization Virtual Operations ✓ ✓ Generate Script X X X ✓	P2V Copy	Х	✓
P2P Adjust OS Supported Virtual Machines MS Virtual PC MS Virtual Server X X MS Hyper-V VMware Workstation VMware Fusion VMware ESX Server Oracle VirtualBox Automatization Virtual Operations Generate Script		Х	✓
Supported Virtual Machines MS Virtual PC MS Virtual Server X X MS Hyper-V VMware Workstation X VMware Fusion X VMware ESX Server Cracle VirtualBox Automatization Virtual Operations Generate Script	P2V Adjust OS	Х	✓
MS Virtual PC MS Virtual Server X X MS Hyper-V X VMware Workstation X VMware Fusion X VMware ESX Server X Automatization Virtual Operations Generate Script X	P2P Adjust OS	✓	✓
MS Virtual PC MS Virtual Server X X MS Hyper-V X VMware Workstation X VMware Fusion X VMware ESX Server X Automatization Virtual Operations Generate Script X	Supported Virtual Machines		
MS Hyper-V X X VMware Workstation X VMware Fusion X VMware ESX Server X X X Oracle VirtualBox X Automatization Virtual Operations Generate Script X X	MS Virtual PC	Х	✓
VMware Workstation X VMware Fusion X VMware ESX Server X Oracle VirtualBox X Automatization Virtual Operations ✓ Generate Script X	MS Virtual Server	Х	Х
VMware Fusion VMware ESX Server VMware ESX Server X Value VirtualBox Automatization Virtual Operations Generate Script	MS Hyper-V	Х	Х
VMware ESX Server VMware ESX Server X X Oracle VirtualBox Automatization Virtual Operations Generate Script X V	VMware Workstation	Х	✓
Oracle VirtualBox X Automatization Virtual Operations Generate Script X X	VMware Fusion	Х	✓
Automatization Virtual Operations Generate Script X	VMware ESX Server	Х	Х
Virtual Operations ✓ Generate Script X	Oracle VirtualBox	X	✓
Generate Script X ✓	Automatization		
Generate Script	Virtual Operations	✓	✓
	Generate Script	Х	✓
Save to Scheduler	Save to Scheduler	✓	✓



HARD DISK MANAGER 11 / FULL FEATURES LIST

Shutdown on Complete	✓	✓
Data Sanitizaion		
	√	
Wipe a Disk/Partition Clear Free Space	<i></i>	<u> </u>
·		<u> </u>
Supported Wipe Algorithms		✓
US DoD 5220.22-M	√	<u> </u>
Russian GOST	X	· /
Paragon's Algorithm	X	<u> </u>
Custom Algorithm	¥	<u> </u>
User Interface		
Predefined GUI Layouts	√	<u> </u>
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	Х	✓
Convert a GPT dynamic disk	Х	✓
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	<u> </u>
Check FS for a dynamic volume	X	<u>√</u>
Edit/View Sectors for a dynamic volume	X	<u>√</u>
View a GPT disk	√	√
Convert to Basic	√	V
Create a GPT partition	√	√
Format a GPT partition	√	<u>√</u>
Delete a GPT partition	√	<u>√</u>
Move/Resize a GPT partition	∀	<u> </u>
Copy a GPT partition	∀	<u> </u>
Copy a GPT disk	∀	· /
Back up a GPT partition/HDD	∀	<u> </u>
Restore a GPT partition/HDD	→	<u> </u>
Hot Processing for a GPT partition/HDD	∀	V
Wipe a GPT partition	∀	<u> </u>
Test Surface for a GPT partition	→	√
Check File System for a GPT partition	√	√
Edit/View Sectors for a GPT partition	<u> </u>	*



HARD DISK MANAGER 11 / FULL FEATURES LIST

View disks of Apple Partition Map	✓	✓
Supported Operating Systems	√	√
Windows XP Home Edition	√	▼
Windows XP Professional	∀	▼
Windows XP Professional X64	∀	∀
Windows Vista	∀	∀
Windows Vista X64	∀	✓
Windows 7	∀	→
Windows 7 X64	·	<u> </u>
Windows Server 2003 Family	X	X
Windows Server 2008 Family	X	X
Supported File Systems		
Backup Capsule	✓	✓
NTFS (V1.2, V3.0, V3.1)	✓	✓
FAT16	✓	✓
FAT32	✓	✓
Ext2FS	✓	✓
Ext3FS	✓	✓
Ext4FS	✓	✓
ReiserFS	Х	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	✓	✓
iscsı	✓	✓
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 with the copy CD/DVD functionality	✓	✓
WinPE 3.0 Recovery Media	✓	✓
Linux Recovery Media	✓	✓
Boot Corrector	✓	✓
Network Configuration	✓	✓
Log Saver	✓	✓