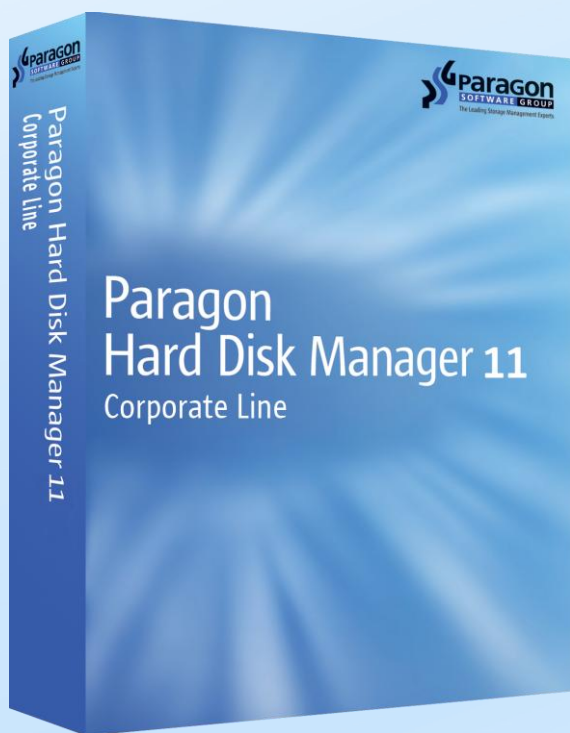


PARAGON HARD DISK MANAGER

11 Corporate Line

Storage lifecycle maintenance for corporate Windows environments!

Corporate editions of Hard Disk Manager 11 consolidate all our technologies and expertise in the field of data and storage management to let you cost-effectively maintain physical and virtual Windows servers and workstations all through their lifecycle.



Our product delivers:

- Support for SSD, AFD, 2TB+ and non-512B sector size disks; USB 3.0 devices
- P2V, V2V, V2P, P2P Windows migration
- Automatic partition alignment
- Exclusive drive re-partitioning facilities
- Rock-solid disaster recovery technologies
- Unique file system optimization tools
- Reliable storage disposal techniques
- Flexible licensing policy

Primary audience:

- System administrators working for small and mid-sized companies
- IT experts

Hard Disk Manager 11 Brief Editions' Overview	Professional	Server	Server + Virtualization Add-on
Virtualization and Migration			
Mount a virtual disk and work with it as if it's an ordinary physical disk (Connect VD)	✓	X	✓
Migrate a physical system to a virtual environment by converting all installed software and data into a virtual machine (P2V Copy)	✓	X	✓
Restore a physical system from a backup directly to a virtual environment (P2V Restore)	✓	X	✓
Restore functionality of a virtual environment after unsuccessful virtualization with 3-rd party tools; prepare virtual machines out of supported virtual disks or Windows .vhd backup images (P2V Adjust OS)	✓	X	✓
Migrate any Windows OS since XP to a different hardware configuration (P2P Adjust OS)	✓	✓	✓
Migrate any Windows OS since XP from a regular hard disk to a fast SSD (Migrate OS to SSD)	✓	✓	✓
Use all disk space of modern high capacity drives (2.2TB+) under Windows XP and later platforms (GPT Loader)	✓	✓	✓
Supported Virtual Machines			
MS Virtual PC	✓	X	✓
MS Virtual Server	X	X	✓
MS Hyper-V R1/R2	X	X	✓
Vmware Workstation	✓	X	✓
Vmware Fusion	✓	X	✓
Vmware ESX Server	X	X	✓
Oracle VirtualBox 3.0-3.12	✓	X	✓
Additional Functionality			
Support for SSD, AFD, 2TB+ and non-512B sector size disks as well as USB 3.0 devices	✓	✓	✓
Automatic partition alignment allows to get the most of physical and virtual data storages	✓	✓	✓
Back up files or entire disks to FTP/SFTP to provide a new level of system and data protection	✓	✓	✓
Four wipe algorithms including military and government standards for rock-solid data security	✓	✓	✓
Supported Operating Systems			
Windows 2003/2008 Server	X	✓	✓
Windows 2003/2008/2011 Small Business Server	X	✓	✓

WHY PARAGON HARD DISK MANAGER 11?

We offer effective data and storage management

- Any type of migration for Windows XP and later platforms (P2V, P2V Restore, V2P, V2V, P2P, etc.)
- Automatic partition alignment allows to get the most of physical and virtual data storages
- Use all disk space of modern 2.2TB+ drives under Windows XP and later platforms (GPT Loader)
- Maintenance of virtual machines and the host from one site in MS Hyper-V Server
- Operation with virtual disks as if they are physical (Connect VD)
- Fast data exchange between physical and virtual environments
- Time-proved drive partitioning of any complexity for physical and offline virtual disks
- Any backup destination, including un-mounted partitions, network shares, and FTP/SFTP servers
- Differential and incremental backups, and exclusive file complements
- Task scheduling and scripting to chain multiple operations into one job and automate execution
- Exclusive defragmentation for NTFS and FAT (27 strategies, MFT defragmentation and shrinking, etc.)

We contribute to business continuity

- Live imaging and migration for Windows systems with Microsoft VSS and Paragon Hot Backup™
- Complete backup infrastructure that is fully compliant with the Set-and-Forget Backup Policy
- No hardware dependency with the next generation of Paragon Adaptive Restore™; our technology guarantees a Windows system will boot on different computer hardware (P2P)
- Restore at a granular level minimizes downtime if there's no need to restore an entire image
- Comprehensive recovery environments based on DOS, Linux, and WinPE 3.0
- Boot problems correction (Windows system registry modification, MBR and BCD correction, etc.)

We help to protect intellectual property

- Encryption and password protection for backups guarantees security for confidential data
- Four wipe algorithms (custom, US DoD 5220.22-M, Russian GOST R 50739-95, Paragon's algorithm) to destroy all on-disk information or only remnants of deleted files / directories without affecting the used data

We support all hardware and software

- Support for any Windows OS since Windows XP (including Windows 7 and Windows Server 2008 R2)
- Support for all latest hardware, including all SCSI, IDE and SATA RAID controllers, SSD, AFD, 2TB+ and non-512B sector size disks, Blu-ray drives, USB 1.x/2.0/3.0 and IEEE 1394 (FireWire) devices, PC card storages...
- Support for MS Virtual PC, MS Virtual Server, MS Hyper-V R1/R2, VMware Workstation, VMware Fusion, VMware ESX Server, and Oracle VirtualBox 3.0-3.12
- Support for Microsoft dynamic disks (simple, spanned, striped, mirrored, RAID-5)
- Support for GPT (GUID Partition Table) disks
- Support for Apple Boot Camp configurations

We take care of our customers

- Free updates with no limitations
- Free upgrades within 60 days after purchasing and a good discount later
- Knowledge Base and Community Forum for self support
- Free complimentary support for 60 days after purchasing
- Exclusive paid assistance services

KEY FEATURES

Features	Benefits
NEW > New hardware support	SSD, AFD, 2TB+ and non-512B sector size disks as well as USB 3.0 devices
NEW > Automatic partition alignment	Automatic partition alignment allows to get the most of physical and virtual data storages
Supported virtual machines	MS Virtual PC, MS Virtual Server, MS Hyper-V, VMware Workstation, VMware Fusion, VMware ESX Server and NEW > Oracle VirtualBox
UPDATE > Connect VD	Enables to mount virtual disks in the read-only mode; supports VMware ESX Server's export format
UPDATE > P2V Copy / Restore	Enable to create and properly configure virtual machines; employ MS VSS to synchronously migrate from several hard disks to ensure data consistency during online migration of a system, which seats on several partitions or hard disks
UPDATE > P2V Adjust OS	Allows creation of virtual machines as well, so besides its primary function, you can now build virtual machines out of virtual disks or Windows .vhd backup images
UPDATE > P2P Adjust OS	Reports on devices without drivers; searches for and installs lacking drivers from Windows repositories; notifies about boot critical devices without drivers; names devices according to model description, determines and install drivers for NICs
Live imaging and migration	Protect or migrate Windows systems online with Microsoft Volume Shadow Copy Service (MS VSS) or Paragon Hot Processing
All existing backup techniques	Sector and file level backups with differential or incremental updates as well as an exclusive file complement
Any backup destination	Local mounted/un-mounted partitions, external storages, CD/DVD/Blu-ray discs, network shares, NEW > SFTP/FTP servers as well as the secured hidden partition (Backup Capsule)
Comprehensive recovery environments	Three types to choose from, based on Linux, DOS, and NEW > WinPE 3.0, available on CD/DVD/Blu-ray, thumb drives, and Backup Capsule
Redistribute Free Space	Increase free space on one partition by up-taking the on-disk unallocated space and the unused space of other partitions
Cyclic Backup	Establish a self-acting data protection system that is fully compliant with the Set-and-Forget Backup Policy
Script Generator	Chain multiple operations into one job and make a script to execute it later on computers locally or remotely in the unattended mode
Selective Restore	Easily extract files and folders from a backup image through the Restore Wizard without the need to restore an entire image
Data Wiping	Destroy all on-disk information or only remnants of deleted files/directories with a custom, US DoD 5220.22-M, NEW > Russian GOST R 50739-95, or Paragon's algorithm

AVAILABLE LICENSES

End User Single License or Corporate Single License

Each user must agree with the terms of this license type during product installation. EULA (End User License Agreement) grants the legal right to use Paragon Software within a private household or an office. The complete text of EULA can be found in the installation package. By default all products include this license type.

Volume License

Prices are calculated from two units to several hundred units. At a certain point, it may be more cost-effective to request if a Site or Enterprise wide license would be a better solution for the customer.

Technician License

The Technician License is a valuable, cost-effective software option for system administrators, technicians, and IT consultants who maintain small, mid-sized or large corporate environments.

The Technician License is only available for Hard Disk Manager 11 Server.

Note: Additionally to the listed below types of Technician License we offer several Enterprise Technician Licenses. For more information, please contact our Sales Department.

Hard Disk Manager 11 Server Licenses' Overview	Standard Tech License	Premium Tech License	Server Single License
Number of servers allowed to work on	Up to 10 physical or virtual	Up to 50 physical or virtual	1
Number of workstations allowed to work on	Up to 100	Up to 500	None
Number of licensed locations	One location	Multiple	Per system
Number of licensed technicians	1 Tech	1 Tech	Per system
Included Virtualization Add-on	yes	yes	no
Included Support Service	Extended Support (According to the license term)	Extended Support (According to the license term)	60 days Email Support
Included Upgrade Assurance	yes	yes	no
License Term	1/2/3 years	1/2/3 years	Unlimited

SYSTEM REQUIREMENTS

Supported Operating Systems	Supported Virtual Machines
<p>Windows 7 (32/64-bit) Windows Vista (32/64-bit) Windows XP Professional (32/64-bit) Windows XP Home Windows Server 2003 (32/64 Bit) Windows Small Business Server 2003 Windows Storage Server 2003 Windows Small Business Server 2008 Windows Server 2008 (32/64 Bit) Windows Small Business Server 2011 (64-bit)</p>	<p>Microsoft Virtual PC Microsoft Virtual Server Microsoft Hyper-V R1/R2 VMware Workstation VMware Fusion VMware ESX Server Oracle VirtualBox 3.0-3.12</p>
Supported HDD and Removable Media	Supported File Systems
<p>Parallel ATA (IDE) HDD Serial ATA (SATA) HDD External SATA (eSATA) HDD SCSI HDD SSD (Solid State Drives) AFD (Advanced Format Drive) Non-512B sector size drives 2TB+ drives All levels of SCSI, IDE and SATA RAID controllers RAID support (hardware and software) CD-R/RW DVD-R/RW DVD+R/RW DVD+/-R (DL) BD-R BD-RE USB 1.x/2.0/3.0 and IEEE 1394 (FireWire) devices PC card storage devices</p>	<p>NTFS (v1.2, v3.0, v3.1) FAT16 FAT32 Linux Ext2FS Linux Ext3FS Linux Ext4FS Linux Swap Apple HFS+ Other file systems (in the sector-by-sector mode)</p>
For Windows installation	For WinPE environment
<p>Intel Pentium or compatible, 300 MHz or higher At least 128 MB (256 MB or greater) Disk space: 250 Mb Internet Explorer 5.0 or higher</p>	<p>Intel Pentium III CPU or compatible, 1000 MHz or higher At least 512 MB of RAM SVGA video adapter and monitor Mouse</p>



Paragon Software Group
 15615 Alton Parkway
 Suite 450
 Irvine, CA 92618
www.paragon-software.com