

# HDShredder 7

## Securely wipe all types of disks



Customizable high-speed erasure

**New:** Block erase + Crypto erase

**New:** ISO 27001 + NIST 800-88R

**New:** USB 4, Thunderbolt 4, UFS

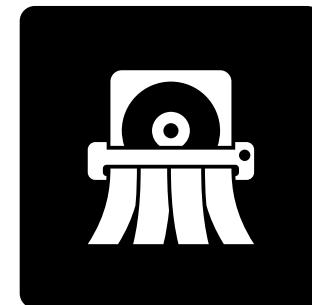
**New:** Removing HPA and DCO

### Editions

- Free Edition <sup>F\*</sup>
- Basic Edition <sup>W,V\*</sup>
- Standard Edition <sup>W,V\*</sup>
- Professional Edition <sup>W,V,T,M\*</sup>
- Enterprise Edition 4x/8x/16x <sup>M\*</sup>

### Highlights

- Fast & easy high security deletion
- Supports 15 international standards
- HDD, SSD, eMMC, NVMe, UFS, and more...
- Runs on Windows and self-booting
- UEFI-Boot, SecureBoot, PXE boot



The universal tool for high-level security deletion of almost any storage media.

Its unique Secure-Erase-Engine makes HDSHredder the fastest cross-platform program to securely erase almost any type of disk, while supporting all major high security standards.

### Peace of mind — Fulfill all major security standards

HDSHredder offers all 15 major international secure deletion standards, including DoD 5200, BSI, VSITR, and GOST, keeping it easy for you to fulfill any legal and security requirements.

### No matter WHAT — All types of disk interfaces

Whether you need to securely erase HDDs, SSDs, or flash disks: be it SATA, USB, NVMe, eMMC, UFS, CompactFlash, or SD/MMC cards - even SAS, SCSI, IDE, and RAIDs are supported.

### No matter WHERE — Run it wherever you need it

HDSHredder runs either directly on Windows or self-booting from a USB storage device or a CD/DVD. There are two self-booting variants, one of which is based on a Linux kernel.

### Proof of completion — Secure erasure certificate

Generate a certificate for precise documentation of each secure deletion, including timestamps, serial numbers and all details of the deletion process for you and your customer.

### Hassle-free — Fault tolerant

The SmartDefectSkip mechanism allows HDSHredder to work on disks that contain defective sectors. In this case, the best tradeoff between high speed and full coverage is ensured.

### Efficient — Refurbish disks for reuse in one step

HDSHredder leaves storage media fully reuseable. With the support of Trim/Unmap/Deallocate, HPA/DCO and reformatting, disks can even be fully refurbished in one step.

### Stay flexible — Extended network support

Not only can deletion certificates be stored in network shares, but HDSHredder's built-in NetDisk feature also allows to securely erase disks over the LAN.

## Overview of Editions

	Free	Basic	Standard	Professional	Enterprise
Achievable speed in GB/min <sup>3)</sup>	6	6	6	6	90+
Security levels	1	3	18	217	217
SSDs, HDDs, Flash Media	•	•	•	•	•
Simple deletion	•	•	•	•	•
Secure deletion		•	•	•	•
HPA & DCO removal		•	•	•	•
15 International security standards (see right side)			•	•	•
Fully customizable deletion patterns				•	•
SecureErase, Sanitize hardware commands				•	•
Secure deletion certificate				•	•
Disk-at-once	•	•	•	•	•
Selectable partitions		•	•	•	•
Disks with read/write errors		•	•	•	•
Dynamic disks				•	•
Multiple disks at once (4x, 8x, 16x)					•
Trim/Unmap/Deallocate to accelerate SSDs	○	•	•	•	•
NetDisk – Erase disks remotely via LAN				•	•
VNC remote desktop integrated				•	•
SATA (AHCI), IDE	•	•	•	•	•
USB 1.0/1.1/2.0 (UHCI, OHCI, EHCI)	•	•	•	•	•
USB 3.0/3.1/3.2 (XHCI)	○	•	•	•	•
SD/SDHC, MMC, CompactFlash, CFast		•	•	•	•
NVMe, eMMC, UFS, Firewire/IEEE1394 (OHCI)				•	•
USB 4, Thunderbolt 2-4				•	•
Intel Software RAID 0/1/10/5				•	•
SAS, SCSI, Hardware RAID <sup>2)</sup> <sup>6)</sup>				•	•
SATA hotplugging & port multiplier				•	•
Running on Windows	•	•	•	•	•
Running on Windows PE		•	•	•	•
Running on Windows on ARM				•	•
Running on Windows Server				•	•
Bootable on Intel, AMD CPUs	•	•	•	•	•
Bootable w/ Linux kernel (for SAS, RAID, WLAN)				•	•
Legacy/BIOS boot	•	•	•	•	•
UEFI boot		•	•	•	•
SecureBoot				•	•
PXE boot, Network boot				•	•

## Program Variants

For maximum flexibility, HDSHredder can be run either hosted or self-booting without an operating system installed.

**HDSHredder/W:** Runs directly on Windows.

- Windows XP (SP2), Vista, 7, 8/8.1, 10, 11
- Windows Server 2003, 2008 (R2), 2012, 2016, 2019, 2022 <sup>4)</sup>
- Windows PE, Windows-on-ARM

**HDSHredder/S:** Runs self-booting based on the performance optimized embedded OS Symbi.

- PC Pentium III or higher, 512 MB RAM, CD or USB boot

**HDSHredder/L:** Runs self-booting based on a Linux kernel for maximum device support (including SAS, RAID, WLAN). <sup>4)</sup>

- PC Pentium III or higher, 1 GB RAM, CD or USB boot

## Secure Deletion Standards

The deletion standards implemented in HDSHredder comply with the requirements of **ISO 27001**, **DIN 66399** and **NIST SP 800-88R1** for the defined security level "clear". For "purge" level, use SecureErase function.

Standard	Runs	Standard	Runs
VSITR	6	NCSC-TG-025	3
BSI-CSB	3	HMG IS5 (baseline enhanced)	2   4
ACSI-33	6	GOST P50739-95	2
AFSSI 5020	3	RCMP TSSIT OPS-II	7
AR380-19	3	The Schneier Method	7
DoD 5200.28M	3	The Pfitzner Method	33
DoD 5200.22M	4	The Gutmann Method	35

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