ZeroData[™] Windows[®] Storage Drive Eraser



Only 1-tool required.... ZeroData[™]Windows[®] meets all data erasure requirements, regardless of drive type... defeat sophisticated software or hardware recovery tools... wipe data permanently... Complies to GDPR, government, military, NIST and ISO/IEC standards...

Reliable, total data cleaning is what ZeroData[™] Windows[®] solves. Permanently and safely remove all data, regardless of drive type, conforming to data destruction levels specified by major organisations and government bodies for PC reassignment, upgrades, refurbishment, recycling.



ZeroData Windows advantages are simple — determine drive integrity, or not — fast and cost effective data wiping for all types of hard drives, plus **separate erasure protocols for Solid State Drives**, **ATA firmware erasure, Purge erase NVMe disks connected to iRST and RAID systems** too. Diverse, yet easy to use, select compliance standards to meet different erasure criteria. Prepares PDF validation certificates and saved reports for confirmation — proof — of potentially sensitive data

removal. **Trust ZeroData Windows for proof of permanent erasure** demanded by compliance standards. Since 2002, ZeroData has ensured customer confidence with 100% data erasure. **No over-managed file administration** — **just secure, reliable, data wiping results.**

Powerful, easy-to-use data erasure	 ✓ Options to meet or exceed data destruction levels specified by major organizations and Government bodies. Including current NIST 800-88 Rev.1 & ISO/IEC 27040:2015 methods.
Multiple security level options available	Overwrite the master boot record, hidden partition, and locked areas regardless of BIOS restrictions using multiple passes.
Runs in bootable Windows [®] operating system. Integrates Eurosoft Diagnostics	✓ Compatible with Windows® 7, 8x, 10 operating systems. Including Windows PE for pre-boot operation or command line automation for industry scaling. Integrates with PC Builder™ and Pc-Check Windows.
Erase up to 99 hard drives in parallel and simultaneously, regardless of type	✓ For RAID, SCSI, SATA, SAS, SSD, NVMe, IDE, and removable storage devices.
ATA/SCSI/SAS/NVMe firmware erasure methods with added verification	✓ Wipe data in minutes not hours. Use hard disk inbuilt erasure commands and confirm data erasure on completion.
Digitally signed detailed, full data	Tamper proof digital report signature provides secure audit trail
erasure very secure reporting	Printable Text and PDF validation reports or XML logs that include user and PC identification.
Industry first – create 12N Smart Labels conforming to ANSI/MH10 Standards	✓ Store detailed information with 4000 characters instead of 500, in a single label. Maintain your audit trail with 12N Smart labels.

Trust ZeroData[™] Windows erasure software... no sector left behind... Millions of drives securely erased... *Now you can relax*.

ZeroData[™] Windows® Software

Erase up to 99 physical drives at once, and in parallel across hard and SSD drives, USB.

License by how many systems' drives you want to erase. In parallel at one-time.

Runs in 32-bit and 64-bit Windows® operating systems, WinPE (auto-boot) and command line industry scale too.

Multiple industry standard and government compliant erasure methods to choose from.

ATA Firmware erasure methods and added verification.

Fastest, specific erasure methods for SSD's.

Windows driver availability enhances RAID erasure options.

Drive Initialise option for operating system deployment.

Industry standard XML reports align with Eurosoft Pc-Check® Diagnostic & PC Builder™ software family.

CeroData - 1.1.190131.0 Report Options	Options Refresh I	Disk List 0 Erasure(s)	in progress			Help	Close	Disk 0	SEAGATE ST3300	65655	Slot 2	Disk 1 S	EAGATE ST3300656SS	Slot 3
Disk 0 SAMSUNG MZ7TE256HMHP-00	2356HMIP-000FH Disk 1 SAMSUNG M271/0256HCHP-000L7 Disk 2 Switchik S07TR30-2566-1006					^	Personal		Erase Options	Disk Info	Personal	✓ Erase Options Disk Info	1	
Wipe Method Erase Op Start Stop	tons Disk Info	NIST800-68Purge		e Options Disk Info	ISO27040Purge		Disk Info	Start Frasure Statu	Stop	1 %. Speed 117.44 Time elapsed 00H-00M-30S	MB/s	Start Erasure Status	Stop 0 %. Speed 0.00 MB/s	
Erasure Status	Disk Information					16 %, Speed 218, JU MB IS	×	Checking dis				Checking if disk is	s erasable	
Chedong disk Status Application is running from a drive on this disk.	Disk Information Disk ID	5		LENSE 105 12GMSP 34MEAT 2MA	Serve retries	1111709706959		Starting Era Disk write in	sure		v	Checking if disk is Disk ready for er	s removable	v
	WWN Bytes Per Sector	N/A 512	Size	512.1 GB	Number of Sectors Drive Letter	1000215216		Disk 2	DELL PERC 6/1			Disk 3 D	ELL PERC 6/I	
Disk 3 Samsung SSD 850 PR0 512GP	Disk Type	NiMe	-	N/A	DCD	N/A			DELL PERC 6/1	Erase Options	Disk Info	US DeD 5220.22		
1	Firmware	2.3.2902	NVMe Version	1.1	Transport Version Disk Location	N/A		Personal		Erase Options	ASK INTO	05 000 5220.22	M V Erase Options Disk Info	
TCG-Brase v Brase Op Start Ship	Supported Transfer Mode Current Transfer Mode Storage Controller	 ZeroData Community OF	A NVMe 1.2 Storport	Miniport (PCI/CC. 010802) (VEN	Manufacturer 17AA, DEV: 0002] Version: 1.5.	Bus Number 0, Target Id 0, LUN 0		Start	Stop	0 %. Speed 117.44	l⊰ MB/s	Start	Stop 0 %. Speed 117.44 MB/s	
Time elapsed 00H-0 Erasure Status Time elapsed 00H-00M-11S	Features	Firmware Activate Down	oad, Dataset Manage	ment Command, TCG Opal V1 S	SC, TOG Opal V2 SSC,			Erasure Statu		Time elapsed 00H-00M-03S		Erasure Status	Time elapsed 00H-00M-16S	
Hidden Area is not present on the current disk. TCG Opal erasure Wirte Verification Pattern	Firmware Erasure Support Locked Prozen Format NVM Supported	N/A N/A Yes	Health Indicato Health Status Bad Sector Cou Weak Sector Co	72 % 1	Disk State Lifetime Writes Buffer Size Rotation Rate	45090.00 G8		Checking dis Starting Era Disk write in	sk partitions sure		^ •	Checking disk pa Starting Erasure Disk write in prog		•
Disk 6 PC401 NVMe SK hynix 256GB	Cryptographic Erase Suppo Disk Sanitize Supported	rted Yes No	Communication TCG Locking Sta	Problem count 0	Power On Count Power On Hours	142 count 9055		Disk 4	SEAGATE ST3300	656SS	Slot 4	Disk 5 E	urosoft Program Device	
NVM-Format V Erase Op	Crypto Scramble Block Brasure	No	Locking Suports	d Yes	Temperature	45 °C		NEST 800-8	8 Rev. 1 Purge	← Erase Options	Disk Info	Personal	Erase Options Disk Info	
Start Stop Time elapsed 00H-0	Overwrite Erasure	No	Looking Enabled	No					_					_
Erasure Status Time elepsed 00H-00M-09S Apply Format N/M command	User Data Encryption Trusted Computing	N/A N/A		OK				Start	Stop	0 %. Speed 0.00 N	IB/s	Start	Stop 0 %. Speed 0.00 MB/s	
Write Phase Started at = 2019-02-11 T 13-09-11 Updated disk information.						Go to Settings to activate	Windows.	Erasure Stat. Checking if o Disk ready f	disk is erasable disk is removable		~	Erasure Status Checking if disk is Checking if disk is Cannot erase the	s erasable s removable e disk. Disk is identified as Eurosoft Device.	^

ZeroData[™] Windows® helps

you...

• Conveniently and safely remove sensitive or unwanted information from PC physical drives, ATA/SSD.

• Confidently refurbish, upgrade, recycle, donate, and return leased PCs.

• Comply with your choice of data removal standards.

• Provide an audit trail for reassigned equipment.

• Contributes data to regulations such as WEEE, SERI R2, HIPA, ADISA, GDPR and NAID.

Overwrite the master boot

record...hidden

partitions...locked areas...

regardless of BIOS restrictions

- Statistically secure random passes.
- Block sophisticated data recovery techniques.
- Unique non-linear pass option.

• Erases any drive... up to 99 drives in parallel and simultaneously with choice of license type.

• For RAID, SATA, SAS SCSI, SSD, IDE, NVMe, USB and removable storage devices.

• Network delivery options available. Windows PE version for use with PC Builder; provides automated drive erasure.

• Initiate ATA firmware erasure methods. Remove data in minutes not hours. With added verification to confirm successful data erasure.

• Identify and erase drives connected by Intel Rapid Storage Technology. No need to disable iRST and reboot. Even perform Purge erase on NVMe drives connected to iRST.

• Erases drives of 2 Terabyte capacity or more. Lower capacity too.

Ensure the drive is completely clean...data cannot be retrieved

- Printable PDF validation certificates.
- Tamper proof reports include user and PC identification.

• Erasure logs record methods, how many passes were made, and more.

• Presents erasure dates and times, sector errors, and more.

• Option to finish with a 'zeroing pass' to prepare for a clean, new operating system install.

• Option to execute additional erasure passes in addition to the selected erasure method. Up to 99 extra zero, random or nonlinear passes each.

- Erase all disks confidently while excluding specific drives or all removable disks including USB disks and memory cards from erasure.
- Print labels that can be applied to drive surface or protective bags.

ZeroData[™] Windows® reports Disk Health Status

• Reflect the SMART status of drives before and after using ZeroData Windows.

 Obtain SMART data – such as hard disk temperature –from ATA-type drives.

		eroData Disk I	Erasure Certi	ficate
	_		ft (UK) Ltd	
Licensee Name: Operator Name: Log UUID: Data Erasure Softv		edFÇ¥ 1-a89b-78ebcfe844e0 0305 built on: 2021-03-05	Supervisor Name: FÇ£J	ason WhiteΓÇ¥
	Erasure O	peration Details	Passed: 0 F	Failed: 1
Disk: 1 Informa	tion Vendor: N/A Disk Type: SSD Size: 111.8 GB HPA: Not Present Power On Count: Reallocated Sectors Before Bad Sectors Before Erass Health Status After Erass	Serial Numbe Sector Size: DCO: Power On Ho ore: 0 Uncorrectable r: Uncorrectable ure: 0 Bad Sectors A	Sectors Before: 0 Sectors After: fter Erasure: oller: Intel(R) Chipset SATA	Nominal Size: 120.0 GB WWN: 5001B448B6BF6186 Sectors: 234455040 Interface: S-ATA Gen3, 6 Gbps Total Host Writes: Current Pending Sectors Before: 0 Current Pending Sectors After: Health Status: 79 % /PCIe RST Premium Controller (RAID) 2) Version: 17.9.1.1009, 6-2-2020
Erasure Operat	Started At: 2021	d Verify Pas I-03-09 08-26-14 Ended At: ck SMART Data Method: Extra Met	2021-03-09 08-26-14 Health Status Percenta	Failed Count: 79 Fingerprint Written: Total Duration: 00H-00M-00S age
Manufacturer: Serial Number: BaseBoard: Processor: BIOS Details: Installed Memory: OS Details: UEFI Enabled:	To Be Filled By O.E.M. To Be Filled By O.E.M. ASRock, Z390 Pro4, NULL, M& CPU0, Central Processor, BFEE Stepping 12 American Megatrends Inc., Vers 8 GB Version: Windows (TM) 10 Prein True	D-B8007504808, NULL 3FBFF000906EC, Intel(R) Core sion: P4.30, Date: 08/12/2019	FE-0000-0000-0000000000 TM) I5-9600K CPU @ 3.700	Version: To Be Filled By O.E.M. 00 SKU: To Be Filled By O.E.M. GHz, Core: Intel64 Family 6 Model 158
OLI I LIBDIEG.	iiue	Report D	otails	
Report UUID: Report Date: Software Used: Digital Signature:		ef9096607 n: 2021-03-05 RS5CqzJAHIJ7BpGjZDhN01Js4 CdhcKYhyb4RyndCoHjuWaaw/	BqEGw5UD7Fd9fjlKcJNiGw 9+Rs7ay9F/G8x3BcgnPZFVi	vld97Baoy+k7mTs64lXL8wPGZaaHdts5 iJatTZln2jdlT7keL88GD7WEOYaxOIYFy
I hereby st	ate that the data erasure John Joe	e process has been ca	rried out in accordan	the given instructions. $\mathcal{M} = \mathcal{M} = \mathcal{M}$
	Data Erasure Operator		Data E	rasure Supervisor
	Model ST1000DM003-1E	R162	-	r st – create 12N Smart L o ANSI/MH10 Standards de
	Capacity 1.0 TB	Health 100 %	methods info	rmation with 4000 characte

Method NIST800-88PURGE Time 2020-04-24 10-08-18

els

ng erasure stead of 500, in a single label. Maintain your audit trail with 12N Smart labels.

12N applications available https://www.informission.com/get-12n

ZeroData[™] Windows[®] report options. Providing the What? Who? Where? And When?

Uniquely identify all erased disks.

Status

Bootable NO

Identify the operator, customer, location and time.

SUCCESSFUL

- Proof that the selected data erasure method and status meets the required criteria.
- Identify the number of bad blocks and disk health status to determine reuse or disposal.
- Record of system hardware details, including drive health for continued performance.

Trusted, tamper proof, digitally signed PDF erasure certificate — a secure audit trail for logistical information of reassigned and redistributed equipment.

Feature	ZeroData Windows
SSD Erasure	\checkmark
RAID Erasure	\checkmark
Removable Storage Devices	\checkmark
NIST SP 800-88Clear	\checkmark
NIST SP 800-88Purge	\checkmark
ISO/IEC 27040:2015 Clear	\checkmark
ISO/IEC 27040:2015 Purge	\checkmark
ATA-Secure Erase	\checkmark
ATA-Enhanced Secure Erase	\checkmark
ATA-Sanitize	\checkmark
ATA-Crypto-Block Erase	\checkmark
SCSI-Sanitize	\checkmark
SCSI-Format Unit	\checkmark
Sanitize-Overwrite	\checkmark
Sanitize-Crypto	\checkmark
Sanitize-Block	\checkmark
NVM-Format	\checkmark
TCG-Erase	\checkmark
Eurosoft SSD Standard	\checkmark
Eurosoft SSD Random4	\checkmark
Eurosoft SSD Random6	\checkmark
HMGIS5Higher	\checkmark
HMGIS5Lower	\checkmark
Eurosoft Personal	\checkmark
Eurosoft Professional	\checkmark
Eurosoft Corporate	\checkmark
Eurosoft Military	\checkmark
Eurosoft Fast	\checkmark
Eurosoft Standard	\checkmark
Eurosoft Deep	\checkmark
Drive Initialize	\checkmark
Gutmann	\checkmark
US DoD-M	\checkmark
Bruce Schneier	\checkmark
NAVSO P-5239	\checkmark
NCSC-TG-025	\checkmark
Air Force 5020	\checkmark
US Army AR380-19	\checkmark
German VSITR	\checkmark
RCMP TSSIT OPS-II	\checkmark
CSEC ITSG-06	\checkmark
OPNAVINST	\checkmark
NSA 130-1	\checkmark
US DoD-M-ECE	\checkmark
German SI-2011-VS BSI-GS	\checkmark
German SI-2011-VS BSI-GSE	\checkmark
Text, PDF or XML Erasure Reports	\checkmark
Tamper Proof Confirmation Reports	\checkmark
Print & Attach Erasure Labels	\checkmark
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Note: Windows PE v1.x contains a security feature that will cause end user's systems to reboot without prior notification to the end user after 24 hours of continuous use. Windows PE v2.x contains a security feature that will cause end user's systems to reboot without prior notification to the end user after 72 hours of continuous use.



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