

ZeroData[™] Windows[®] Hard Drive Eraser

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

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 and ATA firmware erasure**, 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 Windows [®] operating system	✓ Compatible with Windows [®] 7 and above operating systems. Including Windows PE for self-boot operation or integration with PC Builder [™] for automated drive erasure.
Erase up to 99 hard drives simultaneously	✓ 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.
Full reporting	Printable Text and PDF validation reports or processable XML logs that include user and PC identification.
Digitally signed reports	Tamper proof digital report signature provides secure audit trail for proof of erasure and methods used.

When you use ZeroData[™] erasure software prior to reassigning, recycling, or donating a drive...*you can relax*.

ZeroData[™] Windows®

Erase up to 99 physical drives at once— hard and SSD drives. License by how many systems are wiped, not the number of physical drives.

Runs in 32-bit and 64-bit Windows® operating systems. Including WinPE (auto-boot) option.

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.

Standard XML reports align with Eurosoft Pc-Check® Diagnostic software family.

ZeroData - L 1.190131.0 Report Options	Options Refresh	Disk List 0 Erasure(s)	in progress			Help Close	Control 2ersCata - 1.1.19131.0 Report Options Options Ref	fesh Disk List 4Erasure(s) in progress	Help Oc
Dek 0 SAMSUNG M27TE25GHMHP-00	OFH	Desk 1 SAMSUN	6 MZ7LN256HCF	P-000L7	Disk 2 SanDisk	SD7TB3Q-2566-1006	DEK 0 SAMSUNG MZ7TE256HMHP-000FH	Dek 1 SAMSUNG HZ7LN256HCHP-000L7	Disk 2 SanDisk SD/TH3Q-256G-1006
Vipe Method 🚽 Brase Op	tons Dek Info	N2ST800-89Purge	∨ Bi	se Options Disk Info	15027040Purge	 Erase Options Disk Info 	Wige Method 🛛 Erase Options Disk Info	N2ST800-88Purge v Ease Options Disk Info	ATA-Orypto-BiodeEnse 🚽 Eisse Options Disk Info
Start Stop		Start Start	8		Start	p in the second s	Start Stop	Start Step	Start. Stop
rasure Status	Disk Information					15 % Soeed 218.10 MB/s	Brasure Status	Brasure Status	1 %. Speed 76.82 MB/s Brasure Status Time elapsed 00H-00M-065
Checking disk Status Application is running from a drive on this disk.	Disk Information Disk ID	5	Model	LENSE 115 LIGHS P34MEAT2MA	Serial Number	1111709706899	Oreding disi Status	Checking disk Status A Disk ready for ensure.	Hidden Area is not present on the current disk. SAVITT2E Crypts Scandle ansure Write Verification Pattern
	WWN Bytes Per Sector	NjA 512	Size Interface	512.1 GB NVMe	Number of Sectors Drive Letter	1000215216	×		
Nek 3 Samsung SSD 850 PRO 51268	Disk Type Firmware	10/He 2.3.2902	HPA NVMe Version	N(A 1.1	DCO Transport Version	N/R N/R	Disk 3 Samsung SSD 850 PR0 51268	Disk 4 Witte NE-120	Disk 5 LENSE105126MSP34HEAT2MA
TOG-Ename v Ename Op Stant Stop Time elapsed 00H 0	Current Transfer Mode Storage Controller	hardware and a second s		Miniport (PCI)CC_010802) [459: 11		Bus Number 0, Target 3d 0, LUN 0	TOG Ensee v Ensee Optione Dark Info Stant Stop Time elapsed 00H 00H 00G	Storr Stop 0 %, Speed 33,55148(k)	TOC-Grass Data Info Start Stop 68 %. Speed 805.31 MB/s
resure Status Time elapsed 00H-00H-11S Hidden Area is not present on the current disk. TCG Opal erasure Write Verification Pattern	Features Firmware trasure Support Locked		ibad, Dataset Manag Health Indicets Health Status	ement Command, TCG Opal V1 SSC, es	,TCG Opal V2 SSC, Disk State Lifetime Writes	45090.00 08	Erasure Status Time elapsed 00H 60H-115 Hidden Area is not present on the current disk. A TGG Opel erasure Witte Verficablen Pottern	Brauere Status Time elapsed 00H-00H-085 Attempting 1/Pass with Zero Fill erase method. Attempting trause Dels with incorporass	Fraure Status Time elapsed 00H-00H-005 Write Phase Ended at = 2019-02-11T 13-20-48 Write duration: 08H- 00H-025 Verify T05 Goal essure
	Prozen Formet NVM Supported Cryptographic Erate Supp	N/A Tes orted Tes	Bad Sector Co Heak Sector C Communication	parent second	Buffer Sze Rotation Rate Power On Count		v	v v	Verry ICo cpareasure
ek 6 PC401 M/He SK hymix 25060 MHPomat ∨ brase Op Start Stop	Disk Sanitize Supported Crypto Scrawble Block Brasure	No No	TCS Loding St Loding Suport Loding Enable	ed Yes	Power On Hours Temperature	5055 45 °C	Disk 6 PC401 M/He SK hyntx 2566B	Deb. 7 SAMSUNG HZVPVZSGIIDIZ, 0000 HNG2Shgher V Ener Optons Del Info Start Stop	
Time elapsed 00H-0 Crasure Status Time elapsed 00H-00H-095	Overwrite Brasure User Data Encryption Trusted Consulting	No N/A	Looked	No		Activate Windows	0 %. Speed 0.00 MB/s Creare Status Time elapsed 901-009-655	Cresure Status	
Apply Format IVM command Write Phase Started at = 2019-02-11 T 13-09-11 Intel did information	manua composity	- du		OK		Go to Settings to activate Windows	Writing Verification Pattern 300 % camplete. Write Speed 400.00 MB/s. A Write duration: 00H-00H-045	Checking disk Status n Disk ready for erasure.	Go to Settings to activate Window

ZeroData[™] Windows® helps

you...

• Conveniently and safely remove sensitive or unwanted information from PC physical drives.

• 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...erase up to 99 drives simultaneously with approproate .

• 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.

• Erases drives of 2 Terabyte capacity or more.

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

- Printable PDF validation certificates
- Tamper proof reports include user and PC identification.
- Erase logs record what and how many passes were made.

- Know erase 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, or all removable disks including USB disks and memory cards from erasure.

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.

Ð		ZeroData	Disk Er Eurosoft		rtificate
Licensee Details	Name:	Eurosoft_Engineering		Location:	Bournemouth, UK, 3 St. Stephens Road BH2 6JL
Operator Details	Name:	William Ascott		Supervisor:	Daniel Arenboum
Customer Details Order Details	Name: Order Da	te: N/A		Location: Order Reference	New York City, New York ce: cit-ny-20180207-03
Log UUID: Data Erasure Software U		2-4bc7-4398-97b6-2786438f ver. 1.0.180207.0 built on: 2			
	E	rasure Operatio	n Details	Status:	Erased
Disk: 0	Size: 238.5		Sectors:	r: FJ69N5852105095 62514774	S34 WWN: Not supported [0]
	HPA: Not P Interface: S-A	resent TA Gen3, 6 Gbps	DCO: Storage Cont		eries/C230 Chipset Family SATA AHCI CI) [VEN: 8086, DEV: A102] Version: -23-2016
	Bad Blocks Be	efore Erasure: 0	Bad Blocks A	fter Erasure: 0	Total Host Writes: 13640.00 GB

Power On Hours: 3464

UUID: 038D0240-045C-051F-6D06-740700080009

Central Processor, BFEBFBFF000506E3, Intel(R) Core(TM) i5-6402P CPU @ 2.80GHz, Core: Intel64 Family 6 Model 94 Stepping 3

Verify Passes:

Erasure System Hardware Details

Product Name: Z170-HD3P

Gigabyte Technology Co., Ltd., Z170-HD3P-CF, Default string, Default string, Default string

Gigabyte Technology Co., Ltd., Version: N/A, Date: American Megatrends Inc./ALASKA - 1072009/30

Ended At:

Method: SANITIZE Crypto Scramble erasure

2018-02-07 09-30-42

0

Identify the operator, customer, location and time.

Power On Count: 933

Erasure Passes: 0

Started At:

Status:

bekopc

False

Default string

Erasure Operation

Manufacturer:

Serial Number:

Installed Memory: 16 GB

RaseBoard:

Processor BIOS Details:

OS Details:

UEFI Enabled:

Erasure Method: NIST800-88Purge

2018-02-07 09-29-14

Successful

Version: Windows 10 Pro [6.3], ServicePack : 0.0, 64Bit: True

- 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.

Uniquely identify erased disk.

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

Report Details

Report UUID: 54495968-a219-4988-97e3-86b0346836ca Report Date: 2018-02-07 09-26-54 Software Used: ZeroData ver. 1.0.180207.0 built on: 2018-02-07 Digital Signature: rz2izNKCo/lsk+RTOKIMtYkgG57ennXVGhUFrR317pvPdrV+PeuHfN0WImedpC5pvVIgcDv6t/QK6iRyqECZQRT0eEweJIRSp5HLeix nGDCrdb1njKC481lgzJz59hP4YUGUar49H8PLQNMVPE64EuPIJWBsaZa2Kh0bRaNkbamODGEh5X+SyfrTt42Hp09XKgQXQIwSW 4XayDwys1baf8RUn2NfEHK8y24pQDuRoRGCmCsIIO5zNR2bbxeOYkTa

I hereby state that the data erasure process has been carried out in accordance with the given instructions.

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

Data Erasure Operator

Data Erasure Supervisor

Health Status:

Failed Sectors:

Total Duration:

SKU:

Version: Default string

Default string

90 %

0

00H-01M-28S

Feature	ZeroData Windows
Auto-Booting Environment	Under WINPE
Media Options	USB, CD, Network
Integrates with PC Builder	\checkmark
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
Text, PDF or XML Erasure Reports	\checkmark
Tamper Proof Confirmation Reports	\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