



# ZeroData™ Windows® Storage Drive Eraser

**How you benefit using the ZeroData™ Windows software...**



**Independently qualified:** ZeroData Windows meets critical assessment Level 1 and II certified ASCLD/LAB International accredited forensic testing laboratory (ISO/IEC 17025:200).



**Proven 100% data erasure, since 2002,** capable of assisting all sizes of companies and skill sets, excellent data erasure results.



**Efficient and User-Friendly Data Erasure.** Save time with quick and easy data wiping—complete the process in minutes rather than hours.



**Convenient and Portable Design.** Use the compact USB program device anywhere, offering maximum flexibility and portability for on-the-go needs.



**Maximized Throughput for Large-Scale Projects.** Industrial inline process capable, ensuring higher efficiency and broader data erasure coverage. Erase up to 20 drives simultaneously with each USB



**Universal Compatibility.** Seamlessly integrates with all major Windows OS versions and supports pre-boot and automation options for scalability in industrial applications.



**Unparalleled Data Security and Compliance.** Generate tamper-proof, digitally signed reports to securely audit erasure results, simplifying ESG reporting and regulatory compliance.



**Comprehensive Reporting Options.** Provides detailed and customizable validation reports in text, PDF, or XML formats to meet organizational needs.

**NIST Guaranteed Compliance with Leading Standards**  
Meet or exceed global data destruction standards like IEEE, NIST 800-88 Rev.1, and ISO/IEC 27040:2015 for unmatched reliability.



**Enhanced Data Destruction and Verification.** Achieve complete erasure, including hidden partitions and locked areas, with multi-pass methods and inbuilt firmware verification.



**Increased Reputation:** Enhance your computer quality, decrease technical support calls, and improve customer satisfaction and confidence.

**Uncertainty of the best sanitizing methods and secure data erasure results, creates doubts. Combined with the high cost of qualified solutions, business operations are impacted with customers potentially being overcharged. Proof-of-erasure for redundancy and reuse is a requirement.**

ZeroData™

Windows®

Disk Erasure Certificate

Compliant with NIST 800-88 Rev. 1 audit mode

Erase Information

Licensee Name: Eurosoft UK Ltd  
Log ID: 9687947-4902-4938-9643-0042984091b  
Data Erasure Software Used: ZeroData ver. 1.7.4 0916 built on: 2024-09-16

Erase Details

Passed: 5 Failed: 1

Disk ID	Disk Model	Erase Status
0	SANDISK ULTRA II 480GB	Successful
1	SANDISK ULTRA II 480GB	Successful
2	ST3250310AS	Successful
3	ST3250310AS	Failed
4	Samssung SSD 980 PRO 256GB	Successful
5	Samssung SSD 980 PRO 256GB	Successful

Disk 0

Disk Information	Model	Size	Vendor	N/A
Disk Type	SSD	487.1 GB	Serial Number	154784445731
Sectors	937793088		Nominal Size	488.1 GB
Interface	SATA Gen3, 6 Gbps		Sector Size	512
Storage Controller	2009		WPM	5001844F180CC7A3
			Standard SATA AHCI Controller (AHCI) (VEN: 8086, DEV: 7AE2) Version: 10.0.26100.1, 6-21-	

ATA Information

HPA: Not Present

DCO: N/A

SMART Information

Health Status Before Erasure:	100 %	Health Status After Erasure:	100 %
Reallocated Sectors Before:	0	Reallocated Sectors After:	0
Bad Sectors Before Erasure:	0	Bad Sectors After Erasure:	0
Unrecoverable Sectors Before:	0	Unrecoverable Sectors After:	0
Current Pending Sectors Before:	0	Current Pending Sectors After:	0
Power On Count:	175	Power On Hours:	52306
Total Host Writes:	228260.00 GB	Failed Count:	0

Erase Operation

Status:	Successful	Failed Count:	0
Erasure Passes:	0	Verify Passes:	0
Started At:	2024-10-16 09:37:48	Ended At:	2024-10-16 10:10:48
Total Duration:	00:33:00	Fingerprint Within:	Yes
Erasure Method:	IEEE2883-2022Clear	Method:	Zero Fill
Clear Details:	Pattern:	Sample Verification:	Methods: Zero Fill : Success

**The latest ZeroData Windows is all you need to achieve secure, permanent data erasure. Erases data on all kinds of PC systems and devices, running WinPE or Windows — regardless of brand. Available in single and multi-user packages, and site licenses.**



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

## 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... 4 as standard and up to 20 add-ons from one USB. Up to 99 drives capable in-process lines. All erasure in parallel and simultaneous for faster erasure.
- 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 20 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.

## ZeroData™ Windows® reports Disk Health Status

- Compares the SMART status of drives before and after using ZeroData Windows.

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

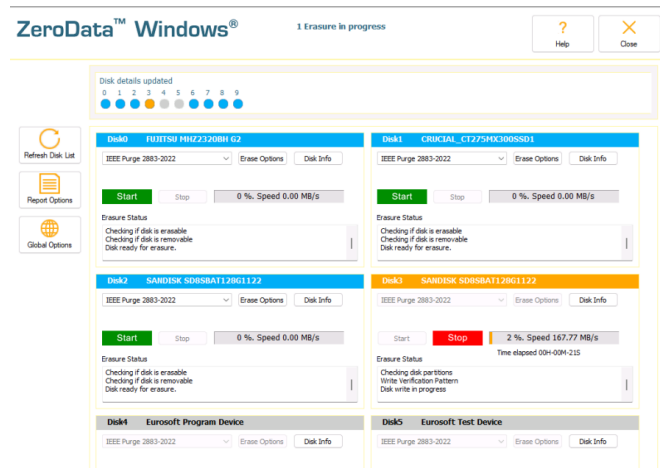
Erases drives of 2 Terabyte capacity or more. Lower capacity too.

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

## • Integrated Testing and Erasure Workflow Solution...

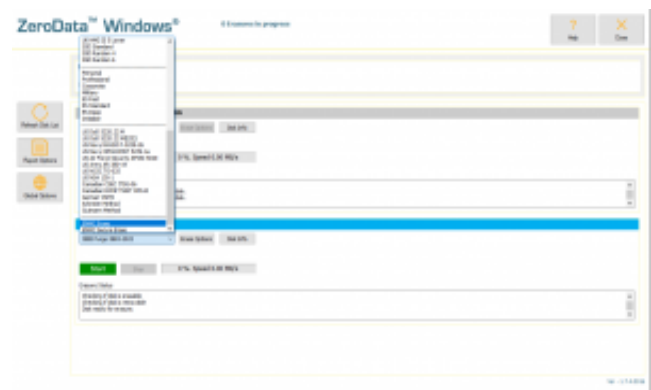
Combine Pc-Check® Windows and/or PC Builder™ for a streamlined, single-session diagnostic and erasure solution, improving ITAD and Refurbishing efficiency.

## 45 Erasure Compliances IEEE, NIST & ISO/IEC Disk Health Status Fast WinPE Boot



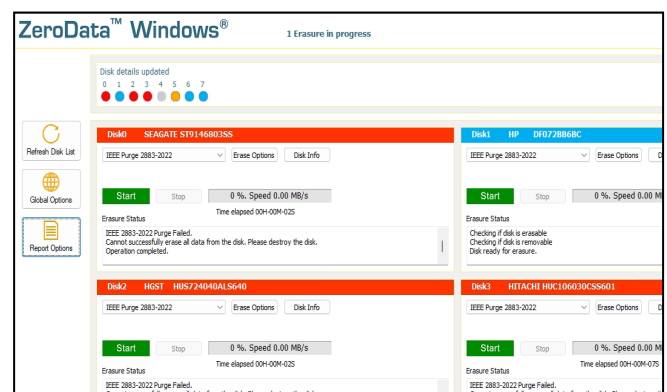
Data Erasure Drive Examples:

**eMMC, NVMe, SATA, ATA, SAS SCSI, SSD, IDE, USB, RAID and removable storage devices...**



***ZeroData Windows is the answer to solving your data destruction dilemmas – “do I repurpose, refurbish, replace or recycle?”***

- ✓ Identify and erase drives connected by Intel Rapid Storage Technology.
- ✓ ATA Firmware erasure methods and added verification, confirming successful data erasure.
- ✓ Fastest, specific erasure methods for SSD's.
- ✓ Windows driver availability enhances RAID erasure options.
- ✓ Drive Initialise option for operating system deployment.
- ✓ No need to disable iRST and reboot. Even perform Purge erase on NVMe drives connected to iRST.





# ZeroData™ Windows® destroys data in minutes... One simple USB... 45 erasure compliance choices... Data wiped clean...

Giving you the latest secure data erasure techniques, supported by industry and customer challenges, you can count on ZeroData Windows to confirm all data was permanently removed and storage drive health revealed.

## One USB device, one versatile data erasure solution

All the Windows-based data erasure you need with **ZeroData Windows**. Achieve highly secure, permanently wiped storage drives of all types. Reveal faulty drive condition using Windows OS. **With variable media and settings** at your choosing, create a WIM, ISO and WinPE Bootable USB.



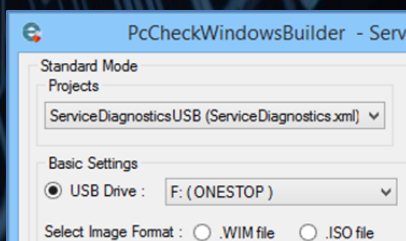
Utilize Microsoft ADK version 11/10/ 8.1. Customize image settings for image type, region, and more.

### 100% data erasure on PCs and Intel-based Macs outside of Windows and Linux® with USB Booting WinPE

'WinPE Image Creator' application prepares custom, self-booting WinPE erasure media. Select your choice of erasure method.

License by how many systems' drives you want to erase. In parallel at one-time. Use Windows Preinstallation Environment (WinPE) with Microsoft OEM / SDK license.

**Updates conveniently downloaded with Eurosoft's eTestManager.**



## Critical data erasure design, clear results...

- ✓ Runs in 32-bit and 64-bit Windows® 11,10, 8.1/8, 7 operating systems, WinPE (auto-boot) and command line industry scaling too.
- ✓ Contributes data to regulations such as WEEE, SERI R2, HIPA, ADISA, GDPR and NAID.
- ✓ Conveniently and safely remove sensitive or unwanted information from PC physical drives, ATA/SSD. And RAID, SATA, SAS SCSI, SSD, IDE, NVMe, USB and removable storage devices.
- ✓ Comply with your choice of data removal standards.
- ✓ Provide an audit trail for reassigned equipment.
- ✓ Confidently refurbish, upgrade, recycle, donate, and return leased PCs.
- ✓ Industry first. Create detailed 12N Smart Labels with ANSI/MH10 standards, storing up to 4,000 characters of information to maintain comprehensive audit trails.
- ✓ Industry standard XML reports align with Eurosoft Pc-Check® Diagnostic & PC Builder™ software.

## 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 eMMC, Solid State Drives, ATA firmware erasure, Purge erase NVMe disks connected to iRST and RAID systems.** 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. **No over-managed file administration — just secure,**

**Who**  
Optional Operator Information  
including UUID and Version

**What**  
Extensive Disk Information

**How**  
Erasure Summary

**System Summary**  
Important Hardware Details

**Fingerprint**  
Unique Identifier and  
Digital Signature

**Signature**  
records ownership

## ZeroData™ Windows®

## Disk Erasure Certificate

Compliant with NIST 800-88 Rev.1 audit needs

### Erasure Information

Licensee Name: Eurosoft UK Ltd  
Log UUID: 9687b647-4992-4688-9643-b9429840d91b  
Data Erasure Software Used: ZeroData ver. 1.7.4.0916 built on: 2024-09-16

### Erasure Details

Passed: 5 Failed: 1

Disk ID	Disk Model	Erasure Status
0	SANDISK ULTRA II 480GB	Successful
1	SANDISK ULTRA II 480GB	Successful
2	ST3250310AS	Successful
3	ST3250310AS	Failed
4	Samsung SSD 980 PRO 250GB	Successful
5	Samsung SSD 980 PRO 250GB	Successful

### Disk Information

Disk 5			
Model:	Samsung SSD 980 PRO 250GB	Vendor:	NIA
Disk Type:	NVMe	Serial Number:	SSGZNG0N923449R
Size:	232.9 GB	Nominal Size:	250.1 GB
Sectors:	488397168	Sector Size:	512
Interface:	NVMe	WWN:	N/A
Storage Controller:	Standard NVMe Express Controller (NVMe) [VEN: 144D, DEV: A80A] Version: 10.0.26100.1, 6-21-2008		
SMART Information	Health Status Before Erasure: 91 %	Health Status After Erasure:	91 %
	Available Spare Space Before: 100 %	Available Spare Space After:	100 %
	Bad Sectors Before Erasure: 0	Bad Sectors After Erasure:	0
	Media-Data Integrity Err Before: 0	Media-Data Integrity Err After:	0
	Error Info Log Entries Before: 0	Error Info Log Entries After:	0
	Power On Count: 1447	Power On Hours:	5110
	Total Host Writes: 34820.00 GB		
Erasure Operation	Status: Successful	Failed Count:	0
	Erasure Passes: 0	Verify Passes:	0
	Started At: 2024-10-16 09:37:48	Ended At:	2024-10-16 09:38:09
	Total Duration: 00H-00M-21S	Fingerprint Written:	Yes
	Erasure Method: IEEE2883-2022Clear	Method:	NVMe Format
	Clear Details:		
	Pattern: Sample Verification	Methods:	NVMe Format : Success

### Erasure System Hardware Details

Manufacturer:	ASUS	Product Name:	System Product Name
UUID:	FC6E7C4D-7E92-D637-EF30-581122B2CBDF	Version:	System Version
SKU:	ASUSTeK COMPUTER INC., PRIME Z690-P, Rev 1.xx, 220809402500920,	Serial Number:	System Serial Number
BaseBoard:	Default string	Installed Memory:	32 GB
Processor:	CPU0, Central Processor, BFEBFBFF00090672, 12th Gen Intel(R) Core(TM) i5-12600K, Core: Intel(R) Family 6 Model 151 Stepping 2		
BIOS Details:	American Megatrends Inc., Version: 3205, Date: 03/18/2024	UEFI Enabled:	True
OS Details:	Version: Windows (TM) 10 Preinstallation Environment [6.3], ServicePack : 0.0, 64Bit: True		

### Report Details

Report UUID:	1cd3efeb-1877-46ac-850c-5076f8e5bca6	Report Date:	2024-10-16 09:37:21
Software Used:	ZeroData ver. 1.7.4.0916 built on: 2024-09-16		
Digital Signature:	dYP1Z5F77YUqNj0T872b0c1xs02LhazerZSzonZuovkRUU7VimeEBN88dXNWGpJyXnVRKX8GEWfrFvE/GhoKG7yy9mZd/uQu88yCsmgngGnc23ySE4pTPx0dEvg0BcCHEEhWEpFyFnyCMBCjTgloGArunyXNewWeYolgFNZVJfthPqth4+ahmeByCel+G+rcvCBMnqoW1NBSe4m75DBUWmUjF3Maz5qH6zCTNHNCzu7Uu3D		

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

Data Erasure Operator

Data Erasure Supervisor



Model ST1000DM003-1ER162  
SN W4Y1V7T6  
Capacity 1.0 TB Health 100 %  
Status SUCCESSFUL Method NIST800-88PURGE  
Bootable NO Time 2020-04-24 10:08:18

### Industry first – create 12N Smart Labels

Conforming to ANSI/MH10 Standards detailing erasure methods information with 4000 characters instead of 500, in a single label. Maintain your audit trail with 12N Smart labels.

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

- ✓ Uniquely identify all erased disks
- ✓ Identify the operator, customer, location and time.
- ✓ 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.**

# ZeroData Windows Data Erasure Standards

**IEEE 2882-2022**  
IEEE 2882-2022 Clear  
IEEE 2882-2022 Purge  
IEEE Clear removable

**NIST 800-88**  
Nist 800-88 Clear  
Nist 800-88 Purge

**ISO/IEC 27040**  
ISO27040 Clear  
ISO27040 Purge

**NISTISO**  
NSITISO Clear  
NISTISO Purge

**German BSI**  
BSI-GS  
BSI-GSE

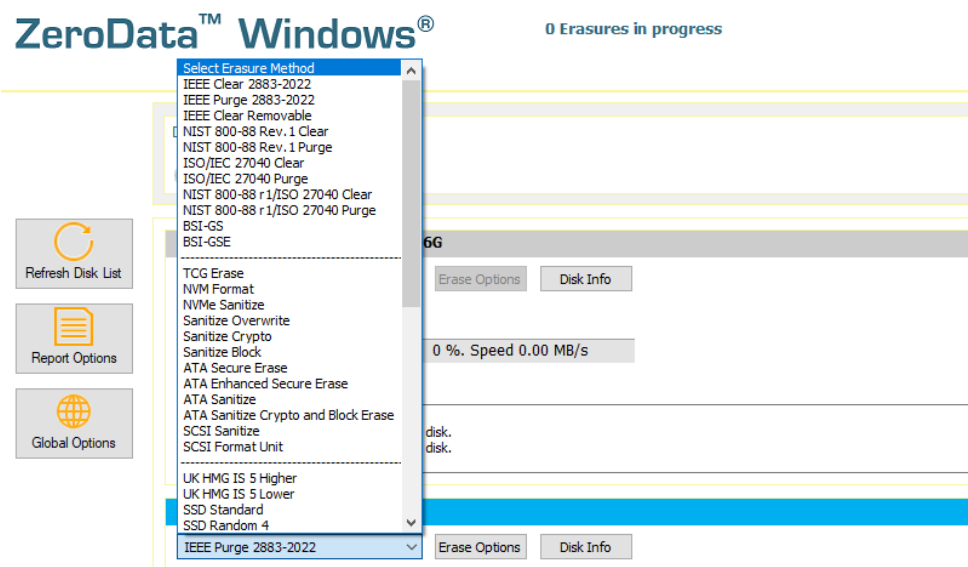
**Extended Firmware methods**

**TCG Opal**  
TCG Erase

**NVME**  
NVM Format  
NVMe Sanitize

**Sanitize**  
Sanitize Overwrite  
Sanitize Crypto  
Sanitize Block

**ATA**  
ATA Secure Erase  
ATA Enhanced Secure Erase  
ATA Sanitize  
ATA Sanitize Crypto and Block Erase



**SCSI**  
SCSI Sanitize  
SCSI Format Unit

**Overwrite methods by Eurosoft**  
Personal  
Professional  
Corporate  
Military  
ESFast  
ESStandard  
ESDeep  
Initialise

**Overwrite erasure methods**  
HMGIS5Higher  
HMGIS5Lower

**Overwrite Erasure Methods Optimized For SSD**  
SSDStandard  
SSDRandom4  
SSDRandom6

**Regular magnetic disk**  
USDoD  
UsDodMECE  
NAVSO  
OPNAVINST  
AirForceSecurity  
USArmyAR380  
NCSC  
NSA1301  
CSEC  
RCMP  
GermanVSITR  
Schneier  
Gutmann

**EMMC**  
EMMC-Erase  
EMMC-SecureErase

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

**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, HIPPA, government, military, IEEE, 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 organizations and government bodies for PC reassignment, upgrades, refurbishment, recycling and retail. Erases PC and Mac Intel-based systems and devices.**



# Ready to try test and data erasure tools that support your business?

## Solutions for an ever changing landscape...

Computer manufacturing and system integrating rely on diagnostics to form standard test practices. Repair, services and support are blending with field technicians, backing MSP's who remotely manage all varieties of computers. Critical assessment of systems situated publicly: government, military, education, healthcare, as well as private verticals expect compliant, running systems. Refurbishing has taken off, extracting re-workable components to balance a broad eco-system, recycling where they can't. Everywhere, demand for reliably running PCs is required and expected.

## Manufacturing and system integrating of all sizes,

building new PCs of all kinds, use the PC Builder™ Test Management Suite and Pc-Check® diagnostic suite to validate hardware and configurations prior to investing time in loading operating system. Pc-Check UEFI Embedded during production adds essential remote testing before shipping.

**Manufacturers**  
OEM/ODM  
System Builders  
Assemblers  
System Integrators

**Refurbishers**  
Microsoft Authorised  
Refurbishers  
ITAD  
Rentals and Leasing  
Recyclers

## Refurbishing for

trade, re-manufacturing, repurposing, ITAD, and leasing PCs, use several tools. Portable Pc-Check® diagnostic suite and the PC Builder™ solution quickly and reliably validate inbound and outbound hardware assets for suitability of reuse, upgrading, re-imaging. Eurosoft's ZeroData™ Windows® storage drive erasure software is used in process or portably for secure and compliant data wiping.

## Servicing has a wide commitment, bringing

consumers and industry closer to the upgrading and repair process. The full Pc-Check® diagnostic suite brings portable testing with pre-boot options, multiple script creation, and recordation,

**Services**  
Break-Fix Operations  
Field Technicians  
Computer Shops  
Consultants

reaching a variety of diverse PC customers. ZeroData™ Windows® offers portability and security to safely wipe customer PCs anywhere.

**Support**  
Network Administrators  
I.T. Professionals  
Managed Service  
Provider  
Help Desk  
Retail

**Support** involves personal and remotely available technical sessions. Break-fix callouts and in-store warranty review, preventative

maintenance, and rapid diagnosis to remediate downtime. Each Pc-Check® hardware diagnostic program gives fast and flexible hardware assessment. ZeroData™ Windows® securely clears data to ensure GDPR compliance.

## Flexible user and licensing options to perfectly fit your costs and needs.

Eurosoft (UK) Ltd are dedicated to offering a variety of hardware diagnostic, test management and data erasure solutions as standalone packages, bundled with systems and services, as well as site licenses of all sizes. Commercially developed, and maintained to test and securely data wipe the widest range of PC-based hardware, regardless of brand. Whether you are responsible for 10, 1000 or 1million+ PCs or equally as many technicians, you won't find a more comprehensive collection of software tools to increase customer satisfaction and improve business operations.

**Contact us at the locations below to take advantage of a new testing experience today.**

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