



Model: Samsung SSD 850

S/N: S21DNXAH103904A



# Disk Erasure Report

Page 1 - Erasure Status

## Organisation Performing The Disk Erasure

Business Name: **GridJet**

Business Address:

Contact Name: **GDW-LDS-5**

Contact Phone:

## Customer Details

Name: **Gridjet**

Address:

Contact Name:

Contact Phone:

## Disk Information

Make/Model: **Samsung SSD 850**

Serial: **S21DNXAH103904A**

Size(Apparent): **1000 GB, 1000204886016 bytes**

Bus: **ATA-SSD**

Size(Real): **1000 GB, 1000204886016 bytes**

## Disk Erasure Details

Start time: **2025/02/10 16:17:26**

End time: **2025/02/11 00:33:16**

Duration: **08:15:50**

Status: **ERASED**

Method: **PRNG Stream**

PRNG algorithm: **XORshiro256**

Final Pass(Zeros/Ones/None): **Zeros**

Verify Pass(Last/All/None): **Verify Last**

\*Bytes Erased: **1000204886016, (100.00%)**

Rounds(completed/requested): **1/1**

HPA/DCO: **No hidden sectors**

HPA/DCO Size: **No hidden sectors**

Errors(pass/sync/verify): **0/0/0**

Throughput: **100 MB/sec**

Information:

\* bytes erased: The amount of drive that's been erased at least once

## Technician/Operator ID

Signature:

Name/ID: **Auto Wipe**



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# Disk Erasure Report

Page 2 - Smart Data



smartctl 7.2 2020-12-30 r5155 [x86\_64-linux-5.14.0-503.23.1.el9\_5.x86\_64] (local build)  
copyright (c) 2002-20, bruce allen, christian franke, www.smartmontools.org

=== start of information section ===

model family: Samsung based SSDs  
device model: Samsung SSD 850 EVO 1TB  
serial number: S21DNXAH103904A  
lu wwn device id: 5 002538 840154252  
firmware version: EMT02B6Q  
user capacity: 1,000,204,886,016 bytes [1.00 TB]  
sector size: 512 bytes logical/physical  
rotation rate: Solid State Device  
form factor: 2.5 inches  
trim command: Available  
device is: In smartctl database [for details use: -P show]  
ata version is: ACS-2, ATA8-ACS T13/1699-D revision 4c  
sata version is: SATA 3.1, 6.0 Gb/s (current: 6.0 Gb/s)  
local time is: Tue Feb 11 00:33:18 2025 GMT  
smart support is: Available - device has SMART capability.  
smart support is: Enabled

=== start of read smart data section ===

smart overall-health self-assessment test result: PASSED

general smart values:

offline data collection status: (0x00)Offline data collection activity  
was never started.  
auto offline data collection: Disabled.  
self-test execution status: ( 0)The previous self-test routine completed  
without error or no self-test has ever  
been run.  
total time to complete offline  
data collection: ( 0) seconds.  
offline data collection  
capabilities: (0x53) SMART execute Offline immediate.  
auto offline data collection on/off support.  
suspend offline collection upon new  
command.  
no offline surface scan supported.  
self-test supported.  
no conveyance self-test supported.  
selective self-test supported.  
smart capabilities: (0x0003)Saves SMART data before entering  
power-saving mode.  
supports smart auto save timer.  
error logging capability: (0x01)Error logging supported.  
general purpose logging supported.  
short self-test routine  
recommended polling time: ( 2) minutes.  
extended self-test routine  
recommended polling time: ( 530) minutes.  
sct capabilities: (0x003d)SCT Status supported.  
sct error recovery control supported.  
sct feature control supported.  
sct data table supported.

smart attributes data structure revision number: 1

vendor specific smart attributes with thresholds:

| id# | attribute_name         | flag   | value | worst | thresh | type     | updated | when_failed | raw_value |
|-----|------------------------|--------|-------|-------|--------|----------|---------|-------------|-----------|
| 5   | reallocated_sector_ct  | 0x0033 | 058   | 058   | 010    | pre-fail | always  | -           | 1681      |
| 9   | power_on_hours         | 0x0032 | 081   | 081   | 000    | old_age  | always  | -           | 92645     |
| 12  | power_cycle_count      | 0x0032 | 099   | 099   | 000    | old_age  | always  | -           | 43        |
| 177 | wear_leveling_count    | 0x0013 | 003   | 003   | 000    | pre-fail | always  | -           | 1947      |
| 179 | used_rsvid_blk_cnt_tot | 0x0013 | 058   | 058   | 010    | pre-fail | always  | -           | 1681      |



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|     |                         |        |     |     |     |          |        |   |               |
|-----|-------------------------|--------|-----|-----|-----|----------|--------|---|---------------|
| 181 | program_fail_cnt_total  | 0x0032 | 100 | 100 | 010 | old_age  | always | - | 0             |
| 182 | erase_fail_count_total  | 0x0032 | 058 | 058 | 010 | old_age  | always | - | 1681          |
| 183 | runtime_bad_block       | 0x0013 | 058 | 058 | 010 | pre-fail | always | - | 1681          |
| 187 | uncorrectable_error_cnt | 0x0032 | 100 | 100 | 000 | old_age  | always | - | 0             |
| 190 | airflow_temperature_cel | 0x0032 | 056 | 054 | 000 | old_age  | always | - | 44            |
| 195 | ecc_error_rate          | 0x001a | 200 | 200 | 000 | old_age  | always | - | 0             |
| 199 | crc_error_count         | 0x003e | 099 | 099 | 000 | old_age  | always | - | 1             |
| 235 | por_recovery_count      | 0x0012 | 099 | 099 | 000 | old_age  | always | - | 33            |
| 241 | total_lbas_written      | 0x0032 | 098 | 098 | 000 | old_age  | always | - | 3144271092299 |

smart error log version: 1  
no errors logged

smart self-test log structure revision number 1  
no self-tests have been logged. [to run self-tests, use: smartctl -t]

smart selective self-test log data structure revision number 1

| span | min_lba | max_lba | current_test_status |
|------|---------|---------|---------------------|
| 1    | 0       | 0       | not_testing         |
| 2    | 0       | 0       | not_testing         |
| 3    | 0       | 0       | not_testing         |
| 4    | 0       | 0       | not_testing         |
| 5    | 0       | 0       | not_testing         |

selective self-test flags (0x0):  
after scanning selected spans, do not read-scan remainder of disk.  
if selective self-test is pending on power-up, resume after 0 minute delay.