

Model: SAMSUNG MZ7KM480

S/N: S3HRNWAJ200123V

# Disk Erasure Report

Page 1 - Erasure Status



## Organisation Performing The Disk Erasure

Business Name: **GridJet**

Business Address:

Contact Name: **GDW-LDS-6**

Contact Phone:

## Customer Details

Name: **Gridjet**

Address:

Contact Name:

Contact Phone:

## Disk Information

Make/Model: **SAMSUNG MZ7KM480**

Serial: **S3HRNWAJ200123V**

Size(Apparent): **480 GB, 480103981056 bytes**

Bus: **ATA-SSD**

Size(Real): **480 GB, 480103981056 bytes**

## Disk Erasure Details

Start time: **2025/02/12 12:12:33**

End time: **2025/02/12 13:38:00**

Duration: **01:25:27**

Status: **ERASED**

Method: **PRNG Stream**

PRNG algorithm: **XORshiro256**

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

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

\*Bytes Erased: **480103981056, (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: **280 MB/sec**

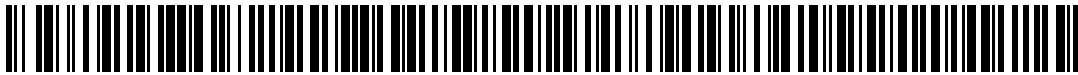
Information:

\* 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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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 MZ7KM480MHQ-00005  
serial number: S3HRNWAJ200123V  
lu wwn device id: 5 002538 c70017cd8  
firmware version: GXM5104Q  
user capacity: 480,103,981,056 bytes [480 GB]  
sector size: 512 bytes logical/physical  
rotation rate: Solid State Device  
form factor: 2.5 inches  
trim command: Available, deterministic, zeroed  
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: Wed Feb 12 13:38:02 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

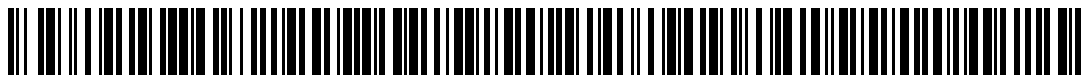
general smart values:

offline data collection status: (0x02)Offline data collection activity  
was completed without error.  
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: ( 2100) 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: ( 35) 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 | 100   | 100   | 010    | pre-fail | always  | -           | 0         |
| 9   | power_on_hours        | 0x0032 | 086   | 086   | 000    | old_age  | always  | -           | 65850     |
| 12  | power_cycle_count     | 0x0032 | 099   | 099   | 000    | old_age  | always  | -           | 13        |
| 177 | wear_leveling_count   | 0x0013 | 099   | 099   | 005    | pre-fail | always  | -           | 168       |
| 179 | used_rsvd_blk_cnt_tot | 0x0013 | 100   | 100   | 010    | pre-fail | always  | -           | 0         |



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|     |                         |        |     |     |     |          |        |   |                    |
|-----|-------------------------|--------|-----|-----|-----|----------|--------|---|--------------------|
| 180 | unused_rsvd_blk_cnt_tot | 0x0013 | 100 | 100 | 010 | pre-fail | always | - | 2748               |
| 181 | program_fail_cnt_total  | 0x0032 | 100 | 100 | 010 | old_age  | always | - | 0                  |
| 182 | erase_fail_count_total  | 0x0032 | 100 | 100 | 010 | old_age  | always | - | 0                  |
| 183 | runtime_bad_block       | 0x0013 | 100 | 100 | 010 | pre-fail | always | - | 0                  |
| 184 | end-to-end_error        | 0x0033 | 100 | 100 | 097 | pre-fail | always | - | 0                  |
| 187 | uncorrectable_error_cnt | 0x0032 | 100 | 100 | 000 | old_age  | always | - | 0                  |
| 190 | airflow_temperature_cel | 0x0032 | 062 | 055 | 000 | old_age  | always | - | 38                 |
| 194 | temperature_celsius     | 0x0022 | 062 | 055 | 000 | old_age  | always | - | 38 (min/max 16/45) |
| 195 | ecc_error_rate          | 0x001a | 200 | 200 | 000 | old_age  | always | - | 0                  |
| 197 | current_pending_sector  | 0x0032 | 100 | 100 | 000 | old_age  | always | - | 0                  |
| 199 | crc_error_count         | 0x003e | 100 | 100 | 000 | old_age  | always | - | 0                  |
| 202 | exception_mode_status   | 0x0033 | 100 | 100 | 010 | pre-fail | always | - | 0                  |
| 235 | por_recovery_count      | 0x0012 | 099 | 099 | 000 | old_age  | always | - | 9                  |
| 241 | total_lbas_written      | 0x0032 | 099 | 099 | 000 | old_age  | always | - | 127339116120       |
| 242 | total_lbas_read         | 0x0032 | 099 | 099 | 000 | old_age  | always | - | 2968841823         |
| 243 | sata_downshift_ct       | 0x0032 | 100 | 100 | 000 | old_age  | always | - | 0                  |
| 244 | thermal_throttle_st     | 0x0032 | 100 | 100 | 000 | old_age  | always | - | 0                  |
| 245 | timed_workld_media_wear | 0x0032 | 100 | 100 | 000 | old_age  | always | - | 65535              |
| 246 | timed_workld_rdwr_ratio | 0x0032 | 100 | 100 | 000 | old_age  | always | - | 65535              |
| 247 | timed_workld_timer      | 0x0032 | 100 | 100 | 000 | old_age  | always | - | 65535              |
| 251 | nand_writes             | 0x0032 | 100 | 100 | 000 | old_age  | always | - | 176391197696       |

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                               |
| 255  | 0       | 65535   | read_scanning was completed without error |

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.