



Model: MTFDDAK2T0TDL

S/N: 2007269433A2



# Disk Erasure Report

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## Organisation Performing The Disk Erasure

Business Name: **GridJet**

Business Address:

Contact Name: **GDW-LDS-0**

Contact Phone:

## Customer Details

Name: **Gridjet**

Address:

Contact Name:

Contact Phone:

## Disk Information

Make/Model: **MTFDDAK2T0TDL**

Serial: **2007269433A2**

Size(Apparent): **2048 GB, 2048408248320 bytes**

Bus: **ATA-SSD**

Size(Real): **2048 GB, 2048408248320 bytes**

## Disk Erasure Details

Start time: **2025/02/14 02:29:48**

End time: **2025/02/14 08:31:47**

Duration: **06:01:59**

Status: **FAILED**

Method: **PRNG Stream**

PRNG algorithm: **XORshiro256**

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

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

\*Bytes Erased: **2048408248320, (100.00%)**

Rounds(completed/requested): **0/1**

HPA/DCO: **No hidden sectors**

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

Errors(pass/sync/verify): **1/0/270000**

Throughput: **282 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-5.14.0-503.22.1.el9\_5.x86\_64] (local build)  
copyright (c) 2002-20, bruce allen, christian franke, www.smartmontools.org

=== start of information section ===

model family: Crucial/Micron Client SSDs  
device model: MTFDDAK2T0TDL  
serial number: 2007269433A2  
lu wwn device id: 5 00a075 1269433a2  
firmware version: M5MU030  
user capacity: 2,048,408,248,320 bytes [2.04 TB]  
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-4 T13/BSR INCITS 529 revision 5  
sata version is: SATA 3.3, 6.0 Gb/s (current: 6.0 Gb/s)  
local time is: Fri Feb 14 08:31:48 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: ( 5428) seconds.  
offline data collection  
capabilities: (0x7b) SMART execute Offline immediate.  
auto offline data collection on/off support.  
suspend offline collection upon new  
command.  
offline surface scan supported.  
self-test supported.  
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: ( 24) minutes.  
conveyance self-test routine  
recommended polling time: ( 3) minutes.  
sct capabilities: (0x0035)SCT Status supported.  
sct feature control supported.  
sct data table supported.

smart attributes data structure revision number: 16

vendor specific smart attributes with thresholds:

| id# | attribute_name          | flag   | value | worst | thresh | type     | updated | when_failed | raw_value |
|-----|-------------------------|--------|-------|-------|--------|----------|---------|-------------|-----------|
| 1   | raw_read_error_rate     | 0x002f | 100   | 100   | 000    | pre-fail | always  | -           | 0         |
| 5   | reallocate_nand_blk_cnt | 0x0032 | 100   | 100   | 010    | old_age  | always  | -           | 0         |
| 9   | power_on_hours          | 0x0032 | 100   | 100   | 000    | old_age  | always  | -           | 2242      |
| 12  | power_cycle_count       | 0x0032 | 100   | 100   | 000    | old_age  | always  | -           | 7         |



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|     |                          |        |     |     |     |          |         |   |                    |
|-----|--------------------------|--------|-----|-----|-----|----------|---------|---|--------------------|
| 171 | program_fail_count       | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 0                  |
| 172 | erase_fail_count         | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 0                  |
| 173 | ave_block-erase_count    | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 2                  |
| 174 | unexpected_power_loss_ct | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 2                  |
| 183 | sata_interfac_downshift  | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 0                  |
| 184 | error_correction_count   | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 0                  |
| 187 | reported_uncorrect       | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 0                  |
| 194 | temperature_celsius      | 0x0022 | 059 | 059 | 000 | old_age  | always  | - | 41 (min/max 20/41) |
| 196 | reallocated_event_count  | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 0                  |
| 197 | current_pending_ecc_cnt  | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 0                  |
| 198 | offline_uncorrectable    | 0x0030 | 100 | 100 | 000 | old_age  | offline | - | 0                  |
| 199 | udma_crc_error_count     | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 0                  |
| 202 | percent_lifetime_remain  | 0x0030 | 100 | 100 | 001 | old_age  | offline | - | 0                  |
| 206 | write_error_rate         | 0x000e | 100 | 100 | 000 | old_age  | always  | - | 0                  |
| 246 | total_lbas_written       | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 11105036222        |
| 247 | host_program_page_count  | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 347070757          |
| 248 | ftl_program_page_count   | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 45065782           |
| 180 | unused_reserve_nand_blk  | 0x0033 | 000 | 000 | 000 | pre-fail | always  | - | 4084               |
| 210 | success_rain_recov_cnt   | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 0                  |

smart error log version: 1  
no errors logged

| num | test_description | status                  | remaining | lifetime(hours) | lba_of_first_error |
|-----|------------------|-------------------------|-----------|-----------------|--------------------|
| # 1 | vendor (0xff)    | completed without error | 00%       | 1571            | -                  |
| # 2 | vendor (0xff)    | completed without error | 00%       | 1494            | -                  |
| # 3 | vendor (0xff)    | completed without error | 00%       | 161             | -                  |

| 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.