



Model: ST1000NX0423

S/N: W4707KZ2



# Disk Erasure Report

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## Organisation Performing The Disk Erasure

Business Name: **GridJet**

Business Address:

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

Contact Phone:

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## Customer Details

Name: **Gridjet**

Address:

Contact Name:

Contact Phone:

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## Disk Information

Make/Model: **ST1000NX0423**

Serial: **W4707KZ2**

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

Bus: **ATA**

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

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## Disk Erasure Details

Start time: **2025/02/12 14:33:12**

End time: **2025/02/12 23:45:15**

Duration: **09:12:03**

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: **90 MB/sec**

Information:

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

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## Technician/Operator ID

Signature:

Name/ID: **Auto Wipe**



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# Disk Erasure Report

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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 ===

device model: ST1000NX0423  
serial number: W4707KZ2  
lu wwn device id: 5 000c50 0a8ea3817  
add. product id: DELL(tm)  
firmware version: NA03  
user capacity: 1,000,204,886,016 bytes [1.00 TB]  
sector size: 512 bytes logical/physical  
rotation rate: 7200 rpm  
form factor: 2.5 inches  
device is: Not in smartctl database [for details use: -P showall]  
ata version is: ACS-3 (minor revision not indicated)  
sata version is: SATA 3.1, 6.0 Gb/s (current: 6.0 Gb/s)  
local time is: Wed Feb 12 23:45:17 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: (0x82)Offline data collection activity  
was completed without error.  
auto offline data collection: Enabled.  
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: ( 90) 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: (176) minutes.  
conveyance self-test routine  
recommended polling time: ( 3) minutes.  
sct capabilities: (0x50bd)SCT Status supported.  
sct error recovery control supported.  
sct feature control supported.  
sct data table supported.

smart attributes data structure revision number: 10

vendor specific smart attributes with thresholds:

| id# | attribute_name        | flag   | value | worst | thresh | type     | updated | when_failed | raw_value |
|-----|-----------------------|--------|-------|-------|--------|----------|---------|-------------|-----------|
| 1   | raw_read_error_rate   | 0x010f | 083   | 064   | 044    | pre-fail | always  | -           | 203222104 |
| 3   | spin_up_time          | 0x0103 | 095   | 095   | 000    | pre-fail | always  | -           | 0         |
| 4   | start_stop_count      | 0x0032 | 100   | 100   | 020    | old_age  | always  | -           | 39        |
| 5   | reallocated_sector_ct | 0x0133 | 100   | 100   | 010    | pre-fail | always  | -           | 5         |



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|     |                         |        |     |     |     |          |         |   |                    |
|-----|-------------------------|--------|-----|-----|-----|----------|---------|---|--------------------|
| 7   | seek_error_rate         | 0x000f | 095 | 060 | 030 | pre-fail | always  | - | 3396410719         |
| 9   | power_on_hours          | 0x0032 | 037 | 037 | 000 | old_age  | always  | - | 55821              |
| 10  | spin_retry_count        | 0x0013 | 100 | 100 | 097 | pre-fail | always  | - | 0                  |
| 12  | power_cycle_count       | 0x0032 | 100 | 100 | 020 | old_age  | always  | - | 38                 |
| 184 | end-to-end_error        | 0x0032 | 100 | 100 | 099 | old_age  | always  | - | 0                  |
| 187 | reported_uncorrect      | 0x0032 | 098 | 098 | 000 | old_age  | always  | - | 2                  |
| 188 | command_timeout         | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 0                  |
| 189 | high_fly_writes         | 0x003a | 099 | 099 | 000 | old_age  | always  | - | 1                  |
| 190 | airflow_temperature_cel | 0x0022 | 069 | 051 | 040 | old_age  | always  | - | 31 (min/max 22/31) |
| 191 | g-sense_error_rate      | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 445                |
| 192 | power-off_retract_count | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 20                 |
| 193 | load_cycle_count        | 0x0032 | 097 | 097 | 000 | old_age  | always  | - | 7738               |
| 194 | temperature_celsius     | 0x0022 | 031 | 049 | 000 | old_age  | always  | - | 31 (0 17 0 0 0)    |
| 195 | hardware_ecc_recovered  | 0x001a | 001 | 001 | 000 | old_age  | always  | - | 203222104          |
| 196 | reallocated_event_count | 0x0032 | 100 | 100 | 000 | old_age  | always  | - | 5                  |
| 197 | current_pending_sector  | 0x0012 | 100 | 100 | 000 | old_age  | always  | - | 0                  |
| 198 | offline_uncorrectable   | 0x0010 | 100 | 100 | 000 | old_age  | offline | - | 0                  |
| 199 | udma_crc_error_count    | 0x003e | 200 | 200 | 000 | old_age  | always  | - | 0                  |
| 240 | head_flying_hours       | 0x0000 | 100 | 253 | 000 | old_age  | offline | - | 54738 (35 56 0)    |
| 241 | total_lbas_written      | 0x0000 | 100 | 253 | 000 | old_age  | offline | - | 298591028305       |
| 242 | total_lbas_read         | 0x0000 | 100 | 253 | 000 | old_age  | offline | - | 1224622382134      |

smart error log version: 1

ata error count: 4

cr = command register [hex]

fr = features register [hex]

sc = sector count register [hex]

sn = sector number register [hex]

cl = cylinder low register [hex]

ch = cylinder high register [hex]

dh = device/head register [hex]

dc = device command register [hex]

er = error register [hex]

st = status register [hex]

powered\_up\_time is measured from power on, and printed as

ddd+hh:mm:ss.sss where DD=days, hh=hours, mm=minutes,

ss=sec, and sss=millisec. it "wraps" after 49.710 days.

error 4 occurred at disk power-on lifetime: 22421 hours (934 days + 5 hours)  
when the command that caused the error occurred, the device was active or idle.

after command completion occurred, registers were:

er st sc sn cl ch dh

-- -- -- -- --

40 51 00 ff ff ff 0f error: UNC at LBA = 0x0fffffff = 268435455

commands leading to the command that caused the error were:

cr fr sc sn cl ch dh dc powered\_up\_time command/feature\_name

-- -- -- -- --

42 00 00 ff ff ff 4f 00 24d+16:31:36.526 READ VERIFY SECTOR(S) EXT

42 00 01 ff ff ff 4f 00 24d+16:31:36.291 READ VERIFY SECTOR(S) EXT

35 00 01 ff ff ff 4f 00 24d+16:31:36.291 WRITE DMA EXT

61 00 10 ff ff ff 4f 00 24d+16:31:36.188 WRITE FPDMA QUEUED

61 00 08 ff ff ff 4f 00 24d+16:31:36.185 WRITE FPDMA QUEUED

error 3 occurred at disk power-on lifetime: 22421 hours (934 days + 5 hours)  
when the command that caused the error occurred, the device was active or idle.

after command completion occurred, registers were:

er st sc sn cl ch dh

-- -- -- -- --

40 51 00 ff ff ff 0f error: UNC at LBA = 0x0fffffff = 268435455

commands leading to the command that caused the error were:



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| cr | fr | sc | sn | cl | ch | dh | dc | powered_up_time  | command/feature_name      |
|----|----|----|----|----|----|----|----|------------------|---------------------------|
| 42 | 00 | 00 | ff | ff | ff | 4f | 00 | 24d+16:31:36.526 | READ VERIFY SECTOR(S) EXT |
| 42 | 00 | 01 | ff | ff | ff | 4f | 00 | 24d+16:31:36.291 | READ VERIFY SECTOR(S) EXT |
| 35 | 00 | 01 | ff | ff | ff | 4f | 00 | 24d+16:31:36.291 | WRITE DMA EXT             |
| 61 | 00 | 10 | ff | ff | ff | 4f | 00 | 24d+16:31:36.188 | WRITE FPDMA QUEUED        |
| 61 | 00 | 08 | ff | ff | ff | 4f | 00 | 24d+16:31:36.185 | WRITE FPDMA QUEUED        |

error 2 occurred at disk power-on lifetime: 22421 hours (934 days + 5 hours)  
when the command that caused the error occurred, the device was active or idle.

after command completion occurred, registers were:

er st sc sn cl ch dh

-- -- -- -- --

40 51 00 ff ff ff 0f error: UNC at LBA = 0x0fffffff = 268435455

commands leading to the command that caused the error were:

| cr | fr | sc | sn | cl | ch | dh | dc | powered_up_time  | command/feature_name      |
|----|----|----|----|----|----|----|----|------------------|---------------------------|
| 42 | 00 | 00 | ff | ff | ff | 4f | 00 | 24d+16:31:11.669 | READ VERIFY SECTOR(S) EXT |
| 42 | 00 | 00 | ff | ff | ff | 4f | 00 | 24d+16:30:52.694 | READ VERIFY SECTOR(S) EXT |
| 42 | 00 | 00 | ff | ff | ff | 4f | 00 | 24d+16:30:52.668 | READ VERIFY SECTOR(S) EXT |
| 42 | 00 | 00 | ff | ff | ff | 4f | 00 | 24d+16:30:52.641 | READ VERIFY SECTOR(S) EXT |
| 42 | 00 | 00 | ff | ff | ff | 4f | 00 | 24d+16:30:52.615 | READ VERIFY SECTOR(S) EXT |

error 1 occurred at disk power-on lifetime: 22421 hours (934 days + 5 hours)  
when the command that caused the error occurred, the device was active or idle.

after command completion occurred, registers were:

er st sc sn cl ch dh

-- -- -- -- --

40 51 00 ff ff ff 0f error: UNC at LBA = 0x0fffffff = 268435455

commands leading to the command that caused the error were:

| cr | fr | sc | sn | cl | ch | dh | dc | powered_up_time  | command/feature_name      |
|----|----|----|----|----|----|----|----|------------------|---------------------------|
| 42 | 00 | 00 | ff | ff | ff | 4f | 00 | 24d+16:31:11.669 | READ VERIFY SECTOR(S) EXT |
| 42 | 00 | 00 | ff | ff | ff | 4f | 00 | 24d+16:30:52.694 | READ VERIFY SECTOR(S) EXT |
| 42 | 00 | 00 | ff | ff | ff | 4f | 00 | 24d+16:30:52.668 | READ VERIFY SECTOR(S) EXT |
| 42 | 00 | 00 | ff | ff | ff | 4f | 00 | 24d+16:30:52.641 | READ VERIFY SECTOR(S) EXT |
| 42 | 00 | 00 | ff | ff | ff | 4f | 00 | 24d+16:30:52.615 | READ VERIFY SECTOR(S) EXT |

smart self-test log structure revision number 1

| num | test_description | status                  | remaining | lifetime(hours) | lba_of_first_error |
|-----|------------------|-------------------------|-----------|-----------------|--------------------|
| # 1 | short offline    | completed without error | 00%       | 3               | -                  |
| # 2 | vendor (0xdf)    | completed without error | 00%       | 3               | -                  |

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.