



Model: MTFDDAK256TDL

S/N: 194725180C27



Disk Erasure Report

Page 1 - Erasure Status

Organisation Performing The Disk Erasure

Business Name: **Not Applicable (BN)**

Business Address: **Not Applicable (BA)**

Contact Name: **Not Applicable (BCN)**

Contact Phone: **Not Applicable (BCP)**

Customer Details

Name: **Not Applicable (CN)**

Address: **Not Applicable (CA)**

Contact Name: **Not Applicable (CCN)**

Contact Phone: **Not Applicable (CP)**

Disk Information

Make/Model: **MTFDDAK256TDL**

Serial: **194725180C27**

Size(Apparent): **256 GB, 256060514304 bytes**

Bus: **ATA-SSD**

Size(Real): **256 GB, 256060514304 bytes**

Disk Erasure Details

Start time: **2025/02/23 06:22:20**

End time: **2025/02/23 09:22:15**

Duration: **02:59:55**

Status: **ERASED**

Method: **PRNG Stream**

PRNG algorithm: **XORshiro256**

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

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

*Bytes Erased: **256060514304, (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: **71 MB/sec**

Information:

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

Technician/Operator ID

Signature:

Name/ID: **Not Applicable (OTN)**



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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: Crucial/Micron Client SSDs
device model: MTFDDAK256TDL
serial number: 194725180C27
lu wwn device id: 5 00a075 125180c27
firmware version: M5MU030
user capacity: 256,060,514,304 bytes [256 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-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: Sun Feb 23 09:22:16 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: (814) 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: (5) 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	-	33580
12	power_cycle_count	0x0032	100	100	000	old_age	always	-	6



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Page 3 - Smart Data

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	098	098	000	old_age	always	-	74
174	unexpect_power_loss_ct	0x0032	100	100	000	old_age	always	-	4
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	058	041	000	old_age	always	-	42 (min/max 11/59)
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	-	49
202	percent_lifetime_remain	0x0030	098	098	001	old_age	offline	-	2
206	write_error_rate	0x000e	100	100	000	old_age	always	-	0
246	total_lbas_written	0x0032	100	100	000	old_age	always	-	8931598808
247	host_program_page_count	0x0032	100	100	000	old_age	always	-	290568158
248	ftl_program_page_count	0x0032	100	100	000	old_age	always	-	979340695
180	unused_reserve_nand_blk	0x0033	000	000	000	pre-fail	always	-	308
210	success_rain_recov_cnt	0x0032	100	100	000	old_age	always	-	0

smart error log version: 1
no errors logged

smart self-test log structure revision number 1

num	test_description	status	remaining	lifetime(hours)	lba_of_first_error
# 1	vendor (0xff)	completed without error	00%	33409	-
# 2	vendor (0xff)	completed without error	00%	33320	-
# 3	vendor (0xff)	completed without error	00%	33095	-
# 4	vendor (0xff)	completed without error	00%	32720	-
# 5	vendor (0xff)	completed without error	00%	32494	-
# 6	vendor (0xff)	completed without error	00%	32296	-
# 7	vendor (0xff)	completed without error	00%	31998	-
# 8	vendor (0xff)	completed without error	00%	31809	-
# 9	vendor (0xff)	completed without error	00%	31507	-
#10	vendor (0xff)	completed without error	00%	31187	-
#11	vendor (0xff)	completed without error	00%	30967	-
#12	vendor (0xff)	completed without error	00%	30732	-
#13	vendor (0xff)	completed without error	00%	30401	-
#14	vendor (0xff)	completed without error	00%	30086	-
#15	vendor (0xff)	completed without error	00%	29696	-
#16	vendor (0xff)	completed without error	00%	29522	-
#17	vendor (0xff)	completed without error	00%	29293	-
#18	vendor (0xff)	completed without error	00%	28934	-
#19	vendor (0xff)	completed without error	00%	28617	-
#20	vendor (0xff)	completed without error	00%	28277	-
#21	vendor (0xff)	completed without error	00%	28084	-

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.