



Model: Micron_5300_MTFD

S/N: 220935970311

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: Micron_5300_MTFD

Serial: 220935970311

Size(Apparent): 240 GB, 240057409536 bytes

Bus: ATA-SSD

Size(Real): 240 GB, 240057409536 bytes

Disk Erasure Details

Start time: 2025/06/03 12:26:09

End time: 2025/06/03 13:20:00

Duration: 00:53:51

Status: **ERASED**

Method: PRNG Stream

PRNG algorithm: XORshiro256

Final Pass(Zeros/Ones/None): Zeros

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

*Bytes Erased: 240057409536, (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: 222 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)
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=== start of information section ===

model family: Micron 5100 / 52x0 / 5300 / 5400 SSDs
device model: Micron_5300_MTFDDAK240TDS
serial number: 220935970311
lu wwn device id: 5 00a075 135970311
firmware version: D3MU001
user capacity: 240,057,409,536 bytes [240 GB]
sector sizes: 512 bytes logical, 4096 bytes 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 (minor revision not indicated)
sata version is: SATA 3.3, 6.0 Gb/s (current: 6.0 Gb/s)
local time is: Tue Jun 3 13:20:18 2025 BST
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: (837) 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	050	pre-fail	always	-	0
5	reallocated_sector_ct	0x0032	100	100	001	old_age	always	-	0
9	power_on_hours	0x0032	100	100	000	old_age	always	-	20
12	power_cycle_count	0x0032	100	100	001	old_age	always	-	9



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170	reserved_block_pct	0x0033	100	100	010	pre-fail	always	-	0
171	program_fail_count	0x0032	100	100	000	old_age	always	-	0
172	erase_fail_count	0x0032	100	100	001	old_age	always	-	0
173	avg_block-erase_count	0x0032	100	100	000	old_age	always	-	1
174	unexpected_power_loss_ct	0x0032	100	100	000	old_age	always	-	6
183	sata_int_downshift_ct	0x0032	100	100	000	old_age	always	-	0
184	end-to-end_error	0x0032	100	100	000	old_age	always	-	0
187	reported_uncorrect	0x0032	100	100	000	old_age	always	-	0
188	command_timeout	0x0032	100	100	000	old_age	always	-	6
194	temperature_celsius	0x0022	067	066	000	old_age	always	-	33 (min/max 17/34)
195	hardware_ecc_recovered	0x0032	100	100	000	old_age	always	-	0
196	reallocated_event_count	0x0032	100	100	000	old_age	always	-	0
197	current_pending_sector	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	-	1369031088
247	host_program_page_count	0x0032	100	100	000	old_age	always	-	42782221
248	bckgnd_program_page_cnt	0x0032	100	100	000	old_age	always	-	2514982
180	unused_rsvd_blk_cnt_tot	0x0033	100	100	000	pre-fail	always	-	2305
210	rain_success_recovered	0x0032	100	100	000	old_age	always	-	0
211	integ_scan_complete_cnt	0x0032	100	100	000	old_age	always	-	7
212	integ_scan_folding_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
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.