



Model: SAMSUNG MZ7LM960

S/N: S2TZNB0JA01252



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: SAMSUNG MZ7LM960

Serial: S2TZNB0JA01252

Size(Apparent): 960 GB, 960197124096 bytes

Bus: ATA-SSD

Size(Real): 960 GB, 960197124096 bytes

Disk Erasure Details

Start time: 2026/01/23 11:06:59

End time: 2026/01/23 13:39:18

Duration: 02:32:19

Status: ERASED

Method: PRNG Stream

PRNG algorithm: XORshiro256

Final Pass(Zeros/Ones/None): Zeros

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

*Bytes Erased: 960197124096, (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: 315 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-5.14.0-503.22.1.el9_5.x86_64] (local build)
copyright (c) 2002-20, bruce allen, christian franke, www.smartmontools.org

=== start of information section ===

model family: Samsung based SSDs
device model: SAMSUNG MZ7LM960HMP-00005
serial number: S2TZNB0JA01252
lu wwn device id: 5 002538 c40855124
firmware version: GXT5204Q
user capacity: 960,197,124,096 bytes [960 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: Fri Jan 23 13:39:20 2026 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: (3600) 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: (60) 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	088	088	000	old_age	always	-	59035
12	power_cycle_count	0x0032	099	099	000	old_age	always	-	20
177	wear_leveling_count	0x0013	096	096	005	pre-fail	always	-	294
179	used_rsvd_blk_cnt_tot	0x0013	100	100	010	pre-fail	always	-	0



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Page 3 - Smart Data



180	unused_rsvd_blk_cnt_tot	0x0013	100	100	010	pre-fail	always	-	3252
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	060	000	old_age	always	-	38
194	temperature_celsius	0x0022	062	060	000	old_age	always	-	38 (min/max 12/41)
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	-	11
241	total_lbas_written	0x0032	099	099	000	old_age	always	-	350038625700
242	total_lbas_read	0x0032	099	099	000	old_age	always	-	7097676950
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	-	631020722176

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.