

Model: SAMSUNG MZ7LH960

S/N: S45NNE0M221262

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 MZ7LH960**

Serial: **S45NNE0M221262**

Size(Apparent): **960 GB, 960197124096 bytes**

Bus: **ATA-SSD**

Size(Real): **960 GB, 960197124096 bytes**

Disk Erasure Details

Start time: **2026/01/26 15:51:57**

End time: **2026/01/26 19:55:21**

Duration: **04:03:24**

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: **197 MB/sec**

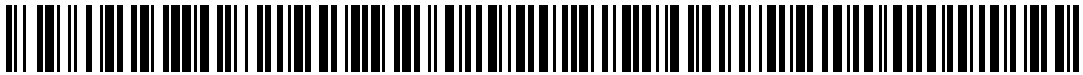
Information:

* 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: Samsung based SSDs
device model: SAMSUNG MZ7LH960HAJR-00005
serial number: S45NNE0M221262
lu wwn device id: 5 002538 e00074068
firmware version: HXT7304Q
user capacity: 960,197,124,096 bytes [960 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 T13/BSR INCITS 529 revision 5
sata version is: SATA 3.2, 6.0 Gb/s (current: 6.0 Gb/s)
local time is: Mon Jan 26 19:55:23 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

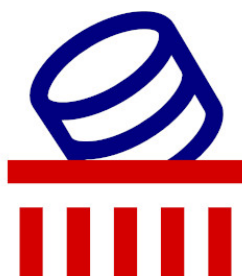
general smart values:

offline data collection status: (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: (0) 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	089	089	000	old_age	always	-	50565
12	power_cycle_count	0x0032	099	099	000	old_age	always	-	19
177	wear_leveling_count	0x0013	097	097	005	pre-fail	always	-	159
179	used_rsvid_blk_cnt_tot	0x0013	100	100	010	pre-fail	always	-	0



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180	unused_rsvd_blk_cnt_tot	0x0013	100	100	010	pre-fail	always	-	2863
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	065	064	000	old_age	always	-	35
194	temperature_celsius	0x0022	065	060	000	old_age	always	-	35 (min/max 9/36)
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	-	186698216253
242	total_lbas_read	0x0032	099	099	000	old_age	always	-	421395656994
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_rdw_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	-	234094497344

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.