



Model: KINGSTON SKC6002

S/N: 50026B77842FFC39



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: **KINGSTON SKC6002**

Serial: **50026B77842FFC39**

Size(Apparent): **2048 GB, 2048408248320 bytes**

Bus: **ATA-SSD**

Size(Real): **2048 GB, 2048408248320 bytes**

Disk Erasure Details

Start time: **2026/01/21 12:04:37**

End time: **2026/01/21 21:31:45**

Duration: **09:27:08**

Status: **ERASED**

Method: **PRNG Stream**

PRNG algorithm: **XORshiro256**

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

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

*Bytes Erased: **2048408248320, (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: **180 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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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: Silicon Motion based SSDs
device model: KINGSTON SKC6002048G
serial number: 50026B77842FFC39
lu wwn device id: 5 0026b7 7842ffc39
firmware version: S4500107
user capacity: 2,048,408,248,320 bytes [2.04 TB]
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-3 T13/2161-D revision 5
sata version is: SATA 3.3, 6.0 Gb/s (current: 6.0 Gb/s)
local time is: Wed Jan 21 21:31:46 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: (0x80)Offline data collection activity
was never started.
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: (0) 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: (0x0002)Does not save 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: (30) minutes.
conveyance self-test routine
recommended polling time: (2) minutes.
sct capabilities: (0x0031)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	0x0000	100	100	000	old_age	offline	-	0
5	reallocated_sector_ct	0x0000	100	100	000	old_age	offline	-	0
9	power_on_hours	0x0000	100	100	000	old_age	offline	-	235
12	power_cycle_count	0x0000	100	100	000	old_age	offline	-	9



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148	total_slc_erase_ct	0x0000	100	100	000	old_age	offline	-	66
149	max_slc_erase_ct	0x0000	100	100	000	old_age	offline	-	6
150	min_slc_erase_ct	0x0000	100	100	000	old_age	offline	-	1
151	average_slc_erase_ct	0x0000	100	100	000	old_age	offline	-	4
159	dram_1_bit_error_count	0x0000	100	100	000	old_age	offline	-	0
160	uncorrectable_error_cnt	0x0000	100	100	000	old_age	offline	-	0
161	valid_spare_block_cnt	0x0000	100	100	000	old_age	offline	-	52
164	total_erase_count	0x0000	100	100	000	old_age	offline	-	7624
165	max_erase_count	0x0000	100	100	000	old_age	offline	-	55
166	min_erase_count	0x0000	100	100	000	old_age	offline	-	5
167	average_erase_count	0x0000	100	100	000	old_age	offline	-	17
169	remaining_lifetime_perc	0x0000	100	100	000	old_age	offline	-	100
177	wear_leveling_count	0x0000	100	100	050	old_age	offline	-	0
181	program_fail_cnt_total	0x0000	100	100	000	old_age	offline	-	0
182	erase_fail_count_total	0x0000	100	100	000	old_age	offline	-	0
192	power-off_retract_count	0x0000	100	100	000	old_age	offline	-	3
194	temperature_celsius	0x0000	044	050	000	old_age	offline	-	44
195	hardware_ecc_recovered	0x0000	100	100	000	old_age	offline	-	0
196	reallocated_event_count	0x0000	100	100	016	old_age	offline	-	0
199	udma_crc_error_count	0x0000	100	100	050	old_age	offline	-	761
231	ssd_life_left	0x0000	100	100	000	old_age	offline	-	100
232	available_reservd_space	0x0000	100	100	000	old_age	offline	-	100
241	host_writes_32mib	0x0000	100	100	000	old_age	offline	-	371003
242	host_reads_32mib	0x0000	100	100	000	old_age	offline	-	78149
245	tlc_writes_32mib	0x0000	100	100	000	old_age	offline	-	1235088

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	completed [00% left] (0-65535)

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.