



Samsung SSD 960 EVO 250GB S3ESNX0J744611Z

250 GB

EXT 1

Case ID:

451

Creation date:	01/11/2023 11:41 AM	Software version:	2022.10
TaskForce serial:	33688108	TaskForce IP:	10.0.0.105
Location:	EXT 1	Write protection:	Off
Device model:	Samsung SSD 960 EVO 250GB	Device serial:	S3ESNX0J744611Z
Size:	250 GB (250,059,350,016 bytes)	Device firmware:	2B7QCXE7
Case investigator:		Case description:	

Diagnostics completed

Results

No major hardware or firmware issues found

51% of the disk is not associated with any partition.

Estimated imaging time: 6 minutes

1. Circuit board

Device has become ready in 0 sec

Device identified: Samsung SSD 960 EVO 250GB SN: S3ESNX0J744611Z

Logical sector size: 512 bytes. Physical sector size: 512 bytes

Vendor ID: 0x144d

Circuit board check passed

Elapsed: 0.0 sec.

2. Heads

Solid state drives (SSD) don't have heads.

Elapsed: 0.0 sec.

3. Media scan

Media scan is in progress...

Verifying starting sectors (LBA: 0 - 999,999)

0 error(s) found

Speed: 608 MB/s

Verifying middle sectors (LBA: 244,198,583 - 245,198,582)

0 error(s) found

Speed: 603 MB/s

Verifying ending sectors (LBA: 487,397,168 - 488,397,167)

0 error(s) found

Speed: 604 MB/s

Average speed: 605 MB/s

Media scan check passed

Elapsed: 2.6 sec.

4. Firmware

Device identification data is valid.

Max address according to device ID: 488,397,167

Reported capacity appears logically correct.

Format NVM command: Supported. Cryptographic erase: Supported.

Temperature threshold (Kelvin): 350

Performing SMART checks...

Attribute Name	Value	Status
Critical Warning	0	OK
Composite Temperature (Kelvin)	321	OK
Available Spare (percent)	100	OK
Available Spare Threshold (percent)	10	OK
Percentage Used	6	OK
Data Units Read (512000 b)	8,910,288	OK
Data Units Written (512000 b)	15,717,654	OK
Host Read Commands	79,348,503	OK
Host Write Commands	127,101,964	OK
Controller Busy Time (minutes)	839	OK
Power Cycles	1,983	OK
Power On Hours	7,728	OK
Unsafe Shutdowns	1,923	OK
Media and Data Integrity Errors	0	OK
Number of Error Information Log Entries	435	OK
Warning Composite Temperature Time (minutes)	0	OK
Temperature Sensor 1 (Kelvin)	321	OK
Temperature Sensor 2 (Kelvin)	337	OK

Firmware check passed

Elapsed: 0.1 sec.

5. File system

Found partition at sector 40 (type FAT32). Label: EFI. Partition size: 210 MB.

Found APFS container at sector 409,640. Label: Container. Container size: 40 GB.

Found volume. Label: c2.

Found APFS container at sector 78,595,056. Label: Container. Container size: 40 GB.

Found APFS container at sector 156,780,472. Label: Container. Container size: 40 GB.

Found volume. Label: c1.

51% of the disk is not associated with any partition.

File system structures check complete.

Elapsed: 0.2 sec.
