



Samsung SSD 970 EVO Plus 250GB S4EUNF0M851809N

250 GB

EXT 1

Case ID:

375

Creation date:	03/23/2022 1:00 PM	Software version:	2022.4
TaskForce serial:	23166733	TaskForce IP:	192.168.1.109
Location:	EXT 1	Write protection:	On
Device model:	Samsung SSD 970 EVO Plus 250GB	Device serial:	S4EUNF0M851809N
Size:	250 GB (250,059,350,016 bytes)	Device firmware:	2B2QEXM7
Case investigator:	J.L. James	Case description:	Ev. #42-52224

Diagnostics completed

Results

No major hardware or firmware issues found

Estimated imaging time: 4 minutes

1. Circuit board

Device has become ready in 0 sec

Device identified: Samsung SSD 970 EVO Plus 250GB SN: S4EUNF0M851809N

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 surface

Media scan is in progress...

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

0 error(s) found

Speed: 954 MB/s

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

0 error(s) found

Speed: 968 MB/s

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

0 error(s) found

Speed: 976 MB/s

Average speed: 966 MB/s

Media surface check passed

Elapsed: 1.6 sec.

4. Firmware

Device identification data is valid.

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

Reported capacity appears logically correct.

Temperature threshold (Kelvin): 358

Performing SMART checks...

Attribute Name	Value	Status
Critical Warning	0	OK
Composite Temperature (Kelvin)	319	OK
Available Spare (percent)	100	OK
Available Spare Threshold (percent)	10	OK
Percentage Used	0	OK
Data Units Read (512000 b)	1,661,915	OK
Data Units Written (512000 b)	3,642,128	OK
Host Read Commands	34,529,244	OK
Host Write Commands	54,797,269	OK
Controller Busy Time (minutes)	163	OK
Power Cycles	149	OK
Power On Hours	3,470	OK
Unsafe Shutdowns	81	OK
Media and Data Integrity Errors	0	OK
Number of Error Information Log Entries	35	OK

Warning Composite Temperature Time (minutes)	0	OK
Temperature Sensor 1 (Kelvin)	319	OK
Temperature Sensor 2 (Kelvin)	331	OK

Firmware check passed

Elapsed: 0.0 sec.

5. File system

Found partition at sector 2,048 (type NTFS). Label: New Volume. Partition size: 250 GB.

File system structures check complete.

Elapsed: 0.2 sec.
