# SMART Health Report

ProxMenux Monitor - Disk Health Analysis

Date: 29/4/2026, 17:42:36
Device: /dev/sda
ID: SMART-M0K84I4U

## 1. EXECUTIVE SUMMARY

PASSED

SMART Status

### Disk Health Assessment

This disk is operating within normal parameters. All SMART attributes are within acceptable thresholds. The disk has been powered on for approximately 3y 116d (29,077h) and is currently operating at 28°C. No bad sectors have been detected.

**What does this mean? Your disk is healthy!**

In simple terms: This disk is working properly. You can continue using it normally. We recommend running periodic SMART tests (monthly) to catch any issues early.

| REPORT GENERATED | LAST TEST TYPE | TEST RESULT | ATTRIBUTES CHECKED |
|---|---|---|---|
| 29/4/2026, 17:42:36 | long | passed | 25 |

## 2. DISK INFORMATION

| MODEL | SERIAL | CAPACITY | TYPE |
|---|---|---|---|
| WDC WDS500G1R0A-68A4W0 | 22440F443504 | 465.8G | SSD |

| FAMILY | FORM FACTOR | INTERFACE | TRIM |
|---|---|---|---|
| WD Blue / Red / Green SSDs | 2.5 inches | SATA 3.3 · 6.0 Gb/s | Supported |

| 28°C | 29,077h | 124 | passed |
|---|---|---|---|
| TEMPERATURE | POWER ON TIME | POWER CYCLES | SMART STATUS |
| Optimal: <=59°C | 3y 116d | | |

| 0 | 0 | 0 |
|---|---|---|
| PENDING SECTORS | CRC ERRORS | REALLOCATED SECTORS |

## 3. SSD WEAR & LIFETIME

### LIFE REMAINING


Source: Media Wearout Indicator

### USAGE STATISTICS

Wear Level 3%

Data Written
**5.63 TB**

Power On Hours
**29,077h**

**Note:** SSD life estimates are based on manufacturer-reported wear indicators. Actual lifespan may vary based on workload and usage patterns.

## 4. SMART ATTRIBUTES (25 TOTAL)

| ID | Attribute | Value | Worst | Thr | Raw | |
|---|---|---|---|---|---|---|
| 5 | Reallocated Sector Ct | 100 | 100 | 0 | 0 | OK |
| | Bad sectors replaced by spare sectors from the reserve pool. Growing count = drive degradation. | | | | | |
| 9 | Power On Hours | 100 | 100 | 0 | 29077 | OK |
| | Total cumulative hours the drive has been powered on. Used to estimate age and plan replacements. | | | | | |
| 12 | Power Cycle Count | 100 | 100 | 0 | 124 | OK |
| | Total number of complete power on/off cycles. Frequent cycling stresses electronics. | | | | | |
| 165 | Block Erase Count | 100 | 100 | 0 | 148440986 | OK |
| 166 | Minimum PE Cycles TLC | 100 | 100 | 0 | 1 | OK |
| 167 | Max Bad Blocks per Die | 100 | 100 | 0 | 31 | OK |
| 168 | Maximum PE Cycles TLC | 100 | 100 | 0 | 57 | OK |
| 169 | Total Bad Blocks | 100 | 100 | 0 | 177 | OK |
| 170 | Grown Bad Blocks | 100 | 100 | 0 | 0 | OK |
| 171 | Program Fail Count | 100 | 100 | 0 | 0 | OK |
| | NAND write failures (SSD). Growing count means flash cells are wearing out. | | | | | |
| 172 | Erase Fail Count | 100 | 100 | 0 | 0 | OK |
| | NAND erase operation failures (SSD). Non-zero indicates severe flash wear. | | | | | |
| 173 | Average PE Cycles TLC | 100 | 100 | 0 | 36 | OK |
| 174 | Unexpected Power Loss | 100 | 100 | 0 | 39 | OK |
| 184 | End-to-End Error | 100 | 100 | 0 | 0 | OK |
| 187 | Reported Uncorrect | 100 | 100 | 0 | 0 | OK |
| | Errors that ECC could not correct. Any non-zero value means data was lost or unreadable. | | | | | |
| 188 | Command Timeout | 100 | 100 | 0 | 0 | OK |
| | Commands that took too long and timed out. May indicate controller or connection issues. | | | | | |
| 194 | Temperature Celsius | 72 | 41 | 0 | 28 (Min/Max 14/41) | OK |

Current drive temperature in Celsius. HDDs: keep below 45°C; SSDs: below 60°C.

| | | | | | |
|---|---|---|---|---|---|
| **199** UDMA CRC Error Count | 100 | 100 | 0 | 0 | OK |
| Data transfer checksum errors on the SATA cable. Usually caused by a bad cable, loose connection, or port issue. | | | | | |
| **230** Media Wearout Indicator | 3 | 3 | 0 | 0x0263033c033c | OK |
| Intel SSD life remaining estimate. Starts at 100, decreases to 0 as endurance is consumed. | | | | | |
| **232** Available Reservd Space | 100 | 100 | 4 | 100 | OK |
| Remaining spare blocks as a percentage of total reserves (SSD). Similar to NVMe Available Spare. | | | | | |
| **233** NAND GB Written TLC | 100 | 100 | 0 | 18815 | OK |
| Total data written to TLC NAND cells in GB. Includes write amplification overhead. | | | | | |
| **234** NAND GB Written SLC | 100 | 100 | 0 | 20078 | OK |
| **241** Host Writes GiB | 253 | 253 | 0 | 5761 | OK |
| **242** Host Reads GiB | 253 | 253 | 0 | 3692 | OK |
| **244** Temp Throttle Status | 0 | 100 | 0 | 0 | OK |

## 4. LAST SELF-TEST RESULT

| TEST TYPE | RESULT | COMPLETED | AT POWER-ON HOURS |
|---|---|---|---|
| Long | Passed | Completed without error | 28,696h |

**Short test:** ~2 min **Extended test:** ~10 min

### FULL SELF-TEST HISTORY (4 ENTRIES)

| # | Type | Status | At POH |
|---|---|---|---|
| 1 | Extended Offline | Completed without error | 28,696h |
| 2 | Extended Offline | Completed without error | 28,689h |
| 3 | Extended Offline | Completed without error | 28,687h |
| 4 | Short Offline | Completed without error | 28,687h |

## 5. RECOMMENDATIONS

✓ **Disk is Healthy**
All SMART attributes are within normal ranges. Continue regular monitoring.

ⓘ **Regular Maintenance**
Schedule periodic extended SMART tests (monthly) to catch issues early.

ⓘ **Backup Strategy**
Ensure critical data is backed up regularly regardless of disk health status.