

Disk Inventory & SMART Health

Overview

Full physical disk inventory from the 2026-06-23 diagnostics SMART reports. Age is derived from `Power_On_Hours`, which reflects cumulative powered-on time, not calendar age since purchase — a drive bought 3 years ago but spun down often will show fewer hours than its shelf age.

Array Disks

Role	Model	Serial	Capacity	Power-On Hours	Approx. Age	Reallocated Sectors	Pending Sectors	SMART Health
Parity	ST6000VN0033-2EE110	ZAD9HJ1G	6TB	56,390	~6.4 yrs	0	0	✅ PASSED
disk1	ST6000VN0033-2EE110	ZAD9CS4N	6TB	56,390	~6.4 yrs	0	0	✅ PASSED
disk2	ST6000VN0033-2EE110	ZAD9HMSB	6TB	56,390	~6.4 yrs	0	0	✅ PASSED
disk3	ST6000VN0033-2EE110	ZAD9HPXB	6TB	56,391	~6.4 yrs	0	0	✅ PASSED
disk4	ST6000VN0033-2EE110	ZAD9HM6T	6TB	56,391	~6.4 yrs	0	0	✅ PASSED
disk5	ST6000VN0033-2EE110	ZAD9HN0N	6TB	56,390	~6.4 yrs	0	0	✅ PASSED

Role	Model	Serial	Capacity	Power-On Hours	Approx. Age	Reallocated Sectors	Pending Sectors	SMART Health
disk6	ST6000VN0033-2EE110	ZAD9HP9K	6TB	56,390	~6.4 yrs	0	0	☑ PASSED
disk7	WDC WD50EFRX-68MYMN1	WD-WX11DC4498K3	5TB	46,143	~5.3 yrs	0	0	☑ PASSED

Cache Pool

Role	Model	Serial	Capacity	Power-On Hours	Approx. Age	SMART Health
cache	Timetec 35PN2280SAT A-256GB	QY250626A2C0721	256GB	5,665	~0.65 yrs	☑ PASSED
cache2	Timetec 35PN2280SAT A-256GB	QY250626A2C0719	256GB	5,545	~0.63 yrs	☑ PASSED

Unassigned USB Backup Drives

Mount	Model	Serial	Capacity	Power-On Hours	Approx. Age	SMART Health
Expansion24	ST24000DM001-3Y7103	ZXA0VGZY	24TB	6,647	~0.76 yrs	☑ PASSED
Expansion26	ST26000DM000-3Y8103	ZXA0DK4L	26TB	3,898	~0.44 yrs	☑ PASSED

Boot/Unmonitored Devices

Device	Role	Note
sda	Internal boot flash	No SMART attributes reported — normal for USB flash media; not a fault

Device	Role	Note
sdb	USB module	No SMART attributes reported — same as above

Fleet Summary

“ **Zero reallocated sectors, zero pending sectors, zero offline-uncorrectable sectors across every spinning and solid-state disk in the fleet.** Every drive reports SMART overall-health PASSED. This is a clean bill of health as of this snapshot.

The 7× Seagate IronWolf array drives are the oldest hardware at ~6.4 years powered-on time — they're the ones to watch first for any future SMART degradation, given they're well past the 5-year mark commonly cited as when AFR (annualized failure rate) starts climbing for NAS-class drives.

Notes / Gotchas

- Power-on hours ≠ calendar age. If these IronWolf drives were purchased used or pulled from another array, actual unit age could exceed 6.4 years.
- Re-run diagnostics quarterly and diff this table — a sudden jump in Reallocated_Sector_Ct or Current_Pending_Sector between snapshots is the earliest warning sign, well before SMART flips to FAILED.

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