Device Information - pd0: TS128GMTS430S - GSmartControl — □ ✕

Device: pd0 (C:, D:) **Model:** TS128GMTS430S

| General | Attributes | Statistics | Self-Tests | Error Log | Temperature Log | Advanced |

Self-tests are built-in tests within the drive designed to recognize drive fault conditions. All self-tests are safe to user data. The tests can be performed during normal system operation, but will take longer to complete if the drive is not idle. You will not be able to access the drive's SMART data while a test is in progress.

Test type: Extended Self-test ∨   **Estimated duration:** 2 min   Execute

Extended self-test examines complete disk surface and performs various test routines built into the drive. Its result is reported in the Self-Test Log.

Test completed ────────────────────────────── Stop

💡 **Test result:** Completed without error.

New SSD (on left) replaces mechanical drive on right, always failing tests with "read failure"

Self-Test Log

Number of entries in self-test log: 4

Test # ▲	Type	Status	% Completed	Lifetime hours	LBA
1	Extended offline	Completed without error	100%	1	-
2	Short offline	Completed without error	100%	0	-
3	Conveyance offline	Completed without error	100%	0	-
4	Short offline	Completed without error	100%	0	-

Device Information - Virtual (ST500LT012-9WS142_S0V8P1X3_2020-06-04-read-failure.t... — □ ✕

Device: Virtual (ST500LT012-9WS142_S0V8P1X3_2020-06-04-read-failure.txt) **Model:** ST500LT012-9WS142

| General | Attributes | Statistics | Self-Tests | Error Log | Temperature Log | Advanced |

SMART Extended Comprehensive Error Log Version: 0
ATA Error Count: 390 (Note: The number of entries may be limited to the newest ones)

Error # ▼	Lifetime hours	State	Type	Details
390	2243	active or idle	Uncorrectable error in data	at LBA = 0x02e4e080 = 48554112
389	2243	active or idle	Media is write protected	at LBA = 0x02e4e080 = 48554112
388	2243	active or idle	Uncorrectable error in data	at LBA = 0x02e4e080 = 48554112
387	2243	active or idle	Uncorrectable error in data	at LBA = 0x02e4e080 = 48554112
386	2243	active or idle	Uncorrectable error in data	at LBA = 0x02e4e080 = 48554112
385	2243	active or idle	Uncorrectable error in data	at LBA = 0x02e4e080 = 48554112
384	2243	active or idle	Media is write protected	at LBA = 0x02e4e097 = 48554119

Complete error log:

SMART Extended Comprehensive Error Log Version: 1 (5 sectors)
Device Error Count: 390 (device log contains only the most recent 20 errors)
    CR   = Command Register
    FEATR = Features Register
    COUNT = Count (was: Sector Count) Register
    LBA_48 = Upper bytes of LBA High/Mid/Low Registers] ATA-8
    LH   = LBA High (was: Cylinder High) Register   ] LBA
    LM   = LBA Mid (was: Cylinder Low) Register   ] Register
    LL   = LBA Low (was: Sector Number) Register   ]
    DV   = Device (was: Device/Head) Register
    DC   = Device Control Register
    ER   = Error register
    ST   = Status register
Powered_Up_Time is measured from power on, and printed as
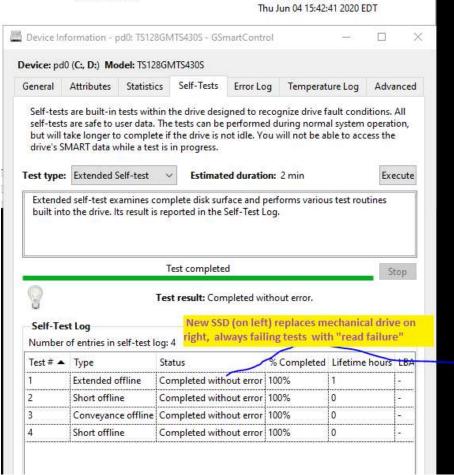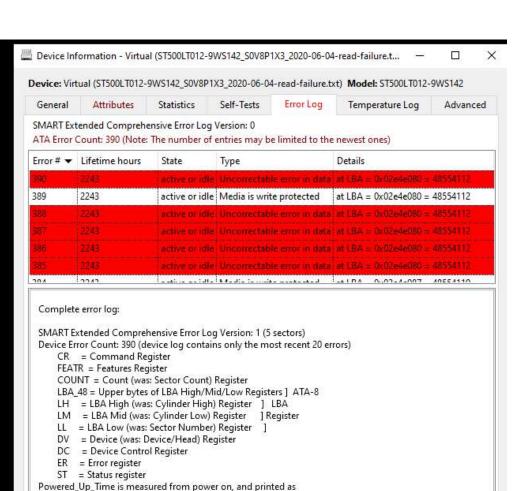DDd+hh:mm:SS.sss where DD=days, hh=hours, mm=minutes,
SS=sec, and sss=millisec. It "wraps" after 49.710 days.

Error 390 [9] occurred at disk power-on lifetime: 2243 hours (93 days + 11 hours)
  When the command that caused the error occurred, the device was active or idle.

  After command completion occurred, registers were:

Refresh   View Output   Save As   Close

Test # ▲	Type	Status	% Completed	Lifetime hours	LBA of
1	Short offline	Completed with read failure	50%	2302	485541
2	Short offline	Completed without error	100%	327	-
3	Short offline	Manually aborted	10%	216	-
4	Vendor (0x50)	Completed without error	100%	15	