

Parted Magic 2023_05_21 (hdparm v9.63) Secure Erase Log

Started: Sat Sep 23 17:43:57 CDT 2023
Finished: Sat Sep 23 17:44:07 CDT 2023

System Information (dmidecode 3.3)
Manufacturer: HP
Product Name: HP Laptop 15-dw0xxx
Version: Type1ProductConfigId
Serial Number: CND0227F1C

SSSTC CV8-8E128-HP (/dev/sda) SERIAL NUMBER: UHANC01ZTDOHRS SIZE:119.2G RESULTS:Successfully Erased
Secure Erase Method: Normal Secure Erase
Verification Level N/A

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SSSTC CV8-8E128-HP (/dev/sda)
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hdparm v9.63

/dev/sda:

ATA device, with non-removable media

Model Number: SSSTC CV8-8E128-HP
Serial Number: UHANC01ZTDOHRS
Firmware Revision: V881
Transport: Serial, ATA8-AST, SATA 1.0a, SATA II Extensions, SATA Rev 2.5, SATA

Rev 2.6, SATA Rev 3.0

Standards:

Supported: 11 10 9 8 7 6 5
Likely used: 11

Configuration:

Logical	max	current
cylinders	16383	0
heads	16	0
sectors/track	63	0

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LBA user addressable sectors: 250069680
LBA48 user addressable sectors: 250069680
Logical Sector size: 512 bytes
Physical Sector size: 4096 bytes
Logical Sector-0 offset: 0 bytes
device size with M = 1024*1024: 122104 MBytes
device size with M = 1000*1000: 128035 MBytes (128 GB)
cache/buffer size = unknown
Form Factor: unknown (0x0007]
Nominal Media Rotation Rate: Solid State Device

Capabilities:

LBA, IORDY(can be disabled)
Queue depth: 32
Standby timer values: spec'd by Standard, no device specific minimum
R/W multiple sector transfer: Max = 2 Current = 1
Advanced power management level: disabled
DMA: mdma0 mdma1 mdma2 udma0 udma1 udma2 udma3 udma4 *udma5
Cycle time: min=120ns recommended=120ns
PIO: pio0 pio1 pio2 pio3 pio4
Cycle time: no flow control=120ns IORDY flow control=120ns

Commands/features:

Enabled Supported:

- * SMART feature set
- Security Mode feature set
- * Power Management feature set
- * Write cache
- * Look-ahead
- * WRITE_BUFFER command
- * READ_BUFFER command
- * NOP cmd
- * DOWNLOAD_MICROCODE
- Advanced Power Management feature set
- * 48-bit Address feature set
- * Device Configuration Overlay feature set
- * Mandatory FLUSH_CACHE
- * FLUSH_CACHE_EXT
- * SMART error logging
- * SMART self-test
- * General Purpose Logging feature set
- * 64-bit World wide name
- * WRITE_UNCORRECTABLE_EXT command
- * {READ,WRITE}_DMA_EXT_GPL commands
- * Segmented DOWNLOAD_MICROCODE
- * unknown 119[6]
- unknown 119[8]
- unknown 119[9]
- * Gen1 signaling speed (1.5Gb/s)
- * Gen2 signaling speed (3.0Gb/s)
- * Gen3 signaling speed (6.0Gb/s)
- * Native Command Queueing (NCQ)
- * Phy event counters
- * READ_LOG_DMA_EXT equivalent to READ_LOG_EXT
- * DMA Setup Auto-Activate optimization
- Device-initiated interface power management
- * Software settings preservation
- unknown 78[7]
- Device Sleep (DEVSLP)
- * SMART Command Transport (SCT) feature set
- * SCT Write Same (AC2)
- * SCT Error Recovery Control (AC3)
- * SCT Features Control (AC4)
- * SCT Data Tables (AC5)
- * SANITIZE_ANTIFREEZE_LOCK_EXT command
- * SANITIZE feature set
- * CRYPTO_SCRAMBLE_EXT command
- * BLOCK_ERASE_EXT command
- * DOWNLOAD MICROCODE DMA command
- * WRITE BUFFER DMA command
- * READ BUFFER DMA command
- * Data Set Management TRIM supported (limit 8 blocks)
- * Deterministic read ZEROs after TRIM

Security:

- Master password revision code = 65534
- supported
- not enabled
- not locked
- not frozen
- not expired: security count
- supported: enhanced erase
- 4min for SECURITY ERASE UNIT. 4min for ENHANCED SECURITY ERASE UNIT.

Logical Unit WWN Device Identifier: 538f601610053ca5

- NAA : 5
- IEEE OUI : 38f601
- Unique ID : 610053ca5

Device Sleep:

DEVSLP Exit Timeout (DETO): 40 ms (drive)
Minimum DEVSLP Assertion Time (MDAT): 31 ms (drive)

Checksum: correct

smartctl 7.2 2020-12-30 r5155 [x86_64-linux-6.2.0-20-generic] (local build)
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=== START OF INFORMATION SECTION ===

Device Model: SSSTC CV8-8E128-HP
Serial Number: UHANC01ZTDOHRS
LU WWN Device Id: 5 38f601 610053ca5
Firmware Version: V881
User Capacity: 128,035,676,160 bytes [128 GB]
Sector Sizes: 512 bytes logical, 4096 bytes physical
Rotation Rate: Solid State Device
Form Factor: M.2
TRIM Command: Available, deterministic, zeroed
Device is: Not in smartctl database [for details use: -P showall]
ATA Version is: ACS-4 (minor revision not indicated)
SATA Version is: SATA 3.3, 6.0 Gb/s (current: 6.0 Gb/s)
Local Time is: Sat Sep 23 17:44:07 2023 CDT
SMART support is: Available - device has SMART capability.
SMART support is: Enabled

=== START OF READ SMART DATA SECTION ===

SMART overall-health self-assessment test result: PASSED

General SMART Values:

Offline data collection status: (0x00) Offline data collection activity
was never started.
Auto Offline Data Collection: Disabled.

Self-test execution status: (0) The previous self-test routine completed
without error or no self-test has ever
been run.

Total time to complete Offline
data collection: (0) seconds.

Offline data collection
capabilities: (0x5b) SMART execute Offline immediate.
Auto Offline data collection on/off support.
Suspend Offline collection upon new
command.
Offline surface scan supported.
Self-test supported.
No Conveyance Self-test supported.
Selective Self-test supported.

SMART capabilities: (0x0003) Saves SMART data before entering
power-saving mode.
Supports SMART auto save timer.

Error logging capability: (0x01) Error logging supported.
General Purpose Logging supported.

Short self-test routine
recommended polling time: (2) minutes.

Extended self-test routine
recommended polling time: (5) minutes.

SCT capabilities: (0x003d) SCT Status supported.
SCT Error Recovery Control supported.
SCT Feature Control supported.
SCT Data Table supported.

SMART Attributes Data Structure revision number: 1
Vendor Specific SMART Attributes with Thresholds:

ID#	ATTRIBUTE_NAME	FLAG	VALUE	WORST	THRESH	TYPE	UPDATED	WHEN_FAILED	RAW_VALUE
1	Raw_Read_Error_Rate	0x002f	100	100	050	Pre-fail	Always	-	0
5	Reallocated_Sector_Ct	0x0033	100	100	005	Pre-fail	Always	-	0
9	Power_On_Hours	0x0032	100	100	000	Old_age	Always	-	915
12	Power_Cycle_Count	0x0032	100	100	000	Old_age	Always	-	2998
171	Unknown_Attribute	0x0032	100	100	000	Old_age	Always	-	0
172	Unknown_Attribute	0x0032	100	100	000	Old_age	Always	-	0
173	Unknown_Attribute	0x0032	097	097	005	Old_age	Always	-	73
174	Unknown_Attribute	0x0032	100	100	000	Old_age	Always	-	5
176	Erase_Fail_Count_Chip	0x0022	100	100	000	Old_age	Always	-	95
181	Program_Fail_Cnt_Total	0x0022	001	001	000	Old_age	Always	-	0
183	Runtime_Bad_Block	0x0032	100	100	000	Old_age	Always	-	0
184	End-to-End_Error	0x003b	100	100	097	Pre-fail	Always	-	0
187	Reported_Uncorrect	0x0032	100	100	000	Old_age	Always	-	0
188	Command_Timeout	0x0032	100	100	000	Old_age	Always	-	0
194	Temperature_Celsius	0x0022	026	046	000	Old_age	Always	-	26 (Min/Max 25/34)
198	Offline_Uncorrectable	0x0030	100	100	000	Old_age	Offline	-	0
199	UDMA_CRC_Error_Count	0x0032	100	100	000	Old_age	Always	-	0
201	Unknown_SSD_Attribute	0x0023	097	097	005	Pre-fail	Always	-	1927
241	Total_LBAs_Written	0x0032	100	100	000	Old_age	Always	-	327710
242	Total_LBAs_Read	0x0032	100	100	000	Old_age	Always	-	618489
243	Unknown_Attribute	0x0032	100	100	000	Old_age	Always	-	624186

SMART Error Log Version: 1
No Errors Logged

SMART Self-test log structure revision number 0
Warning: ATA Specification requires self-test log structure revision number = 1
No self-tests have been logged. [To run self-tests, use: smartctl -t]

SMART Selective self-test log data structure revision number 1

SPAN	MIN_LBA	MAX_LBA	CURRENT_TEST_STATUS
1	0	0	Not_testing
2	0	0	Not_testing
3	0	0	Not_testing
4	0	0	Not_testing
5	0	0	Not_testing

Selective self-test flags (0x0):

After scanning selected spans, do NOT read-scan remainder of disk.
If Selective self-test is pending on power-up, resume after 0 minute delay.