



Statement of Volatility – Dell Chromebook 13 3380

⚠ CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

The Dell Chromebook 13 3380 contains both volatile and non-volatile (NV) components. Volatile components lose their data immediately after power is removed from the component. Non-volatile (NV) components continue to retain their data even after power is removed from the component. The following NV components are present on the Dell Chromebook 13 3380 system board.

Table 1. List of Non-Volatile Components on System Board

Description	Reference Designator	Volatility Description	User Accessible for external data	Remedial Action (Action necessary to prevent loss of data)
Embedded Flash in embedded controller MEC1322	U2401	128 KB of embedded Flash memory for keyboard controller BIOS code, asset tag and BIOS passwords	No	N/A
Panel EEDID EEPROM	Part of panel assembly	Non-Volatile memory, 128 bytes.	No	N/A
System BIOS	U2502	Non-Volatile memory, 128 Mbit (16 MB), System BIOS and Video BIOS for basic boot operation,	No	N/A
System Memory – LPDDR3 memory	On Board RAM1, RAM2, RAM3 RAM4	Volatile memory in OFF state NOTE: See state definitions later in text. System memory size will be between 2GB and 4GB inclusive	Yes	Power off system
Embedded Flash in embedded controller STM32F051C8U6	U3807	72 KB of embedded Flash memory EC code for type-C Power deliver function.	No	N/A
Embedded Flash in embedded controller PIC16F1455	U6403	14 KB of embedded Flash memory EC code for 7 colors LED function	No	N/A

Description	Reference Designator	Volatility Description	User Accessible for external data	Remedial Action (Action necessary to prevent loss of data)
RTC CMOS	CPU replaceable 1	Non-Volatile memory, 256 Bytes. Stores CMOS information in PCH.	No	N/A
eMMC module	On Board, EMMC1	Non-Volatile memory, various sizes in GB. eMMC (Embedded Multi-Media Card).	Yes	Low level format

△ CAUTION: All other components on the system board lose data if power is removed from the system. Primary power loss (unplugging the power cord and removing the battery) destroys all user data on the memory (LPDDR3, 1866 MHz).