

Statement of Volatility – Latitude 9440 2-in-1

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

The Latitude 9440 2-in-1 contains both volatile and non-volatile 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 Latitude 9440 2-in-1 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 erase data)
Embedded Flash in embedded controller MEC5200	UE1	384 KB Code/Data SRAM 320 KB code/64 KB Data optimized for performance	No	N/A
Panel EEDID EEPROM	Part of panel assembly	Non-Volatile memory, FHD+ 256 bytes, QHD+ 256 bytes.	No	Part of panel assembly
System BIOS	UH8	Non-Volatile memory, 64 MB *1 System BIOS and Video BIOS for basic boot operation, PSA (on board diags), PXE diags.	No	N/A
System Memory – LPDDR5 LPDDR5x memory	On board DRAM+ UD1/UD2/ UD3/UD4	Volatile memory in OFF state System memory size will depend on LPDDR5 /5x ,32 Gb/64 Gb,128 Gb (x32) per package	No	N/A
System memory SPD EEPROM	Part of memory module assembly	Non-Volatile memory, Stores memory manufacturer data and timing information into BIOS code.	No	N/A
Hard drive(s)	User replaceable - one	2230 M.2 type SSD (PCIe interface)	Yes	Low level format
Card Reader	uSD 4.0 Card reader controller F/W UR1	PCIe interface of embedded Flash memory	No	N/A
Touch screen Embedded Flash	Part of panel assembly	I2C interface of embedded Flash memory	No	Part of panel assembly

Description	Reference Designator	Volatility Description	User Accessible for external data	Remedial Action (action necessary to erase data)
Accelerometer (secondary) LSM6DSOISTR	UAC1 for 360 2-in-1	I2C interface of embedded Flash memory	No	N/A
Accelerometer + Gyro LIS2DW12TR	U733 For 360 2-in-1	I2C interface of embedded Flash memory	No	N/A
Compass LIS2MDLTR	U734	I2C interface of embedded Flash memory	No	N/A
ALS TCS3430	Part of camera assembly	I2C interface of embedded Flash memory	No	Part of camera assembly
TPM 2.0 ST33HTPH2X32AHD8 ST33HTPH2X32AHE4 NPCT750JADYX NPCT760JABYX	U712	SPI interface of embedded Flash memory	No	N/A
MCU ATSAMD21E16B-MUTN02	U717	USB interface of embedded Flash memory	No	N/A
CVF CLOVER_FALLS	UCVF1	eSPI interface of embedded Flash memory	No	N/A
RF proximity sensor SX9331IULTRT	U16	SMBUS interface of embedded Flash memory	No	N/A
PD PTTPS65994BF	UPD1/UPD2/UPD3	I2C interface of embedded Flash memory	No	N/A
Hayden Bridge TBT Re-Timer	URT1/URT2/URT3	I2C interface of embedded Flash memory	No	N/A
CV3 ROM	U1	Non-Volatile memory. 128 Mbit (16 MB) for CV3 F/W flash.	No	N/A
Fingerprint Sensor	Module	USB interface of embedded Flash memory	No	N/A
Touchpad	Module	I2C interface of embedded Flash memory	No	N/A
Camera Sensor	Module	I2C interface of embedded Flash memory	No	N/A



CAUTION: All other components on the system board erase 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 (DDR3, 1067 MHz). Secondary power loss (removing the on-board coin-cell battery) destroys system data on the system configuration and time-of-day information.