DELL Technologies

Statement of Volatility – Dell Latitude 9450 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 Dell Latitude 9450 2-in-1 contains both volatile and Non-volatile components. Volatile components erase their data immediately after power is removed from the component. Non-volatile components continue to retain their data even after power is removed from the component. The following Non-volatile components are present on the Dell Latitude 9450 2-in-1system 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	NA
LCD Panel EEDID EEPROM	Part of panel assembly	Non-volatile memory, stores panel manufacturing information, display configuration data	No	NA
System BIOS/EC	UC2 (64 MB)	Non-volatile memory, system BIOS, embedded controller and video BIOS for basic boot operation, PSA (on board diags), PXE diags.	No	NA
System memory – LPDDR5 onboard memory	Two on board memory: UD1, UD2, UD3, UD4	Volatile memory in OFF state. System memory size depends on LPDDR5x, 32 GB/64 GB/128 GB (X64) per package.	No	NA
RTC CMOS – BBRAM (battery backed up)	UC1 (PCH)	Non-volatile memory, 256 GB stores CMOS information	No	NA
Video memory – frame buffer	For UMA platform: Using system memory	Volatile memory in off state. UMA uses main system memory size allocated out of main memory.	No	NA
Intel ME Firmware	Embedded in system BIOS UC2	Non-volatile memory, 64 MBx1, Intel ME firmware for system configuration, security, and protection	No	NA
SSD drive(s)	M.2 - 2230	Non-volatile magnetic media, various sizes in GB. SSD (solid state flash drive).	Yes	Low level format
Thunderbolt EEPROM	UTS1, UTS2	Non-volatile memory, 8 Mbit (1 MB) for Hayden Bridge Retime firmware	No	NA
Touch screen embedded Flash	Part of panel assembly	Non-volatile memory	No	NA
ISH	Combine on BIOS ROM	Non-volatile memory	No	NA
TPM controller	U712	Non-volatile memory, 384 bits	No	NA
Lattice ICE40 Chip	U755	1024 KB SRAM	No	NA
Lattice NX33 Chip	U1	3.6 MB embedded memory (EBR, LRAM)	No	NA
NX33 EEPROM	U756	Non-volatile memory 128 MB for NX33 firmware	No	NA
PD Controller FW	Embedded in system BIOS UC2	Non-volatile memory	No	NA
Security controller Serial Flash Memory	U1 (upsell USH daughter board)	Non-volatile memory, 128 Mbit (16 MB)	No	NA

Fingerprint Sensor	Module	USB interface of embedded Flash memory	No	NA
Touch Pad	Module	I2C interface of embedded Flash memory	No	NA
Camera ISP Flash ROM	On camera module	Non-volatile memory, 64 KB	No	NA

⚠ **CAUTION: All other components on the system board erase data if power is removed from the computer. Primary power loss (unplugging the power cord and removing the battery) destroys all user data on the memory (LPDDR5x, 7467 MT/s), system data on the system configuration and time-of-day information.**