


Statement of Volatility – Latitude 3540

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

The Latitude 3540 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 Latitude 3540 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)
SSD drive(s)	SSD1- M.2 2230/2280	Non-Volatile magnetic media, various sizes in GB. SSD (solid state flash drive).	No	Low level format
System BIOS	BIOS1 (32 MB)- Non vPro	Non-Volatile memory, Video BIOS for basic boot operation, PSA (on board diags), PXE diags.	No	NA
Embedded Controller	U2401	Non-Volatile memory, 64 KB of ROM	No	NA
Burnside-Bridge EEPROM	U7103	Non-Volatile memory, 8 Mbit (1 MB) (Burnside-Bridge FW)	No	NA
USB-Type C PD EEPROM	U7204	Non-Volatile memory, 64 KB ROM for USB type-C PD F/W	No	NA
LCD Panel EEDID EEPROM	Part of panel assembly	Non-Volatile memory, Stores panel manufacturing information, display configuration data	No	NA
System Memory – SO-DIMM DDR4	SO-DIMM DDR4 *2 Slot: DM1/DM2	Volatile memory in OFF state	No	NA
RTC CMOS	CPU1 (PCH)	Non-Volatile memory 256 bytes Stores CMOS information	No	NA
Video memory – frame buffer	For UMA platform: Using system memory For DIS GN18-S5 VRAM1 / VRAM2	Volatile memory in off state. UMA uses main system memory size allocated out of main memory.	No	N/A
GPU VBIOS ROM	U7902	Non-Volatile memory, 1 MB of ROM	No	N/A
Intel ME Firmware	Combine on BIOS ROM	Non-Volatile memory, Intel ME firmware for system configuration, security, and protection	No	N/A
TPM Controller	U9101	Non-Volatile memory, 2 KB ROM	No	N/A
ISH	Combine on BIOS ROM		No	N/A
Touch screen Embedded Flash	N/A	Non-Volatile memory	No	N/A
Digital IMVP9.1 controller	PU4601	Non-Volatile memory	No	N/A
Camera FW	NA	Non-Volatile memory	No	NA
Finger printer FW	NA	Non-Volatile memory	No	NA
Touch Pad FW	NA	Non-Volatile memory	No	NA

△ 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 (DDR4, 2667 MHz). Secondary power loss (removing the on-board coin-cell battery) destroys system data on the system configuration and time-of-day information.