Statement of Volatility – Latitude 3550

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

The Latitude 3550 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 3550 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)
SSD drive(s)	SSD1- M.2 2230	Non-Volatile magnetic media, various sizes in GB. SSD (solid state flash drive).	No	Low level format
System BIOS	BIOS1 (32 MB)- Non vPro for RPL BIOS1+BIOS2 (32 MB+16 MB)- Non vPro for MTL	Non-Volatile memory, Video BIOS for basic boot operation, PSA (on board diags), PXE diags.	No	NA
Embedded Controller	U2401	Non-Volatile memory, 192 KB of ROM	No	NA
USB-Type-C EEPROM	U7103	Non-Volatile memory, 8 Mbit (1 MB) (Burnside-Bridge FW) for RPL Non-Volatile memory, 8 Mbit (1 MB) (Hayden-Bridge FW) for MTL	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 DDR5	SO-DIMM DDR5 *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 RPL/MTL UMA platform: Using system memory For RPL DIS GN20-S5L 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, 2 MB of ROM for RPL	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 IMVP controller	PU4601 for RPL IMVP9.1 PU4601 for MTL IMVP9.2	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 (DDR5, 5200 MHz (for computers shipped with13th Gen Intel Core i3/i5/i7 Processors)/ DDR5, 5600 MHz (for computers shipped with Intel Core Ultra i5/i7processors)). Secondary power loss (removing the on-board coin-cell battery) destroys system data on the system configuration and time-of-day information.

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