

Statement of Volatility – Dell Vostro 16 5630

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

The Dell Vostro 16 5630 contains both volatile and non-volatile components. Volatile components lose 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 Vostro 16 5630 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 2230/2280	Non-Volatile magnetic media, various sizes in GB. SSD (solid state flash drive).	No	Low level format
System BIOS/EC	BIOS1 (32 MB)- Non vPro	Non-Volatile memory, Video BIOS for basic boot operation, PSA (on board diags), PXE diags.	No	NA
Thunderbolt EEPROM	U7103	Non-Volatile memory, 8 Mbit (1 MB) (Thunderbolt FW)	No	NA
USB-Type C PD	U7201	Non-Volatile memory, 96-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 – LPDDR5 memory	LPDDR5 *4 memory: RAM1/RAM2/RAM3/RAM4	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 GN20-S7 VRAM1 / VRAM2	Volatile memory in off state. UMA uses main system memory size allocated out of main memory.	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	U301	Non-Volatile memory, 2KB 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

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