DELLTechnologies

Statement of Volatility – Dell Vostro 3520

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

The Vostro 3520 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 3520 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)	M.2 2280	Non-Volatile magnetic media, various sizes in GB. SSD (solid state flash drive).	No	Low level format
System BIOS/EC	For ADL: UC5 (32 MB) For TGL: UC5 (8 MB) UC6 (16 MB)	Non-Volatile memory, Video BIOS for basic boot operation, PSA (on board diags), PXE diags.	No	NA
Thunderbolt EEPROM	N/A	Non-Volatile memory, 8 Mbit (1 MB) (Thunderbolt FW)	No	NA
USB Type-C PD	For ADL DSC: UPD2 For ADL UMA: N/A For TGL DSC/UMA: N/A	Non-Volatile memory, 256 Mbit (32 MB) 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 – DDR4 memory	Two DIMM DDR4 memory: (JDIMM1/JDIMM2)	Volatile memory in OFF state (see state definitions later in text)	Yes	Power off system
RTC CMOS	UC1 (PCH)	Non-Volatile memory 256 bytes Stores CMOS information	No	NA
Video memory – frame buffer	For DSC: 2 GB for UMA platform: Using system memory	Volatile memory in off state. UMA uses main system memory size allocated out of main memory.	No	Power off system
Intel ME Firmware	Combine on BIOS ROM	Non-Volatile memory, Intel ME firmware for system configuration, security and protection	No	N/A
Security Controller Serial Flash Memory	N/A	Non-Volatile memory, 128 Mbit (16 Mbyte)	No	N/A
TPM Controller	UX1	Non-Volatile memory, 192K bits (24K bytes) 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	PUZ101	Non-Volatile memory, 4096 bit (512 B) Digital IMVP9.1 controller	No	N/A