



Statement of Volatility – Dell Vostro 3500

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

The Dell Vostro 3500 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 3500 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 – 2230/2280 | Non-Volatile magnetic media, various sizes in GB. SSD (solid state flash drive). | No | Low level format |
| System BIOS/EC | UC6 (16 MB) + UC5 (8 MB) | Non-Volatile memory, Video BIOS for basic boot operation, PSA (on board diags), PXE diags. | No | NA |
| Thunderbolt EEPROM | NA | Non-Volatile memory | No | NA |
| USB-Type C PD | NA | Non-Volatile memory | No | NA |
| LCD Panel EEDID EEPROM | Part of panel assembly | Non-Volatile memory, Stores panel manufacturing information, display configuration data removed EEPROM capacity | No | NA |
| System Memory – DDR4 memory | Two DIMM on board 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 removed memory capacity | 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 | 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 | NA | Non-Volatile memory removed memory capacity | No | N/A |
| TPM Controller | UX1 | Non-Volatile memory removed memory capacity | No | N/A |
| ISH | Combine on BIOS ROM | | No | N/A |
| Touch screen Embedded Flash | N/A | Non-Volatile memory | No | N/A |

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|--------------------------|----------------------|--|-----------------------------------|--|
| Digital IMVP8 controller | N/A | Non-Volatile memory removed memory capacity | No | N/A |

△ CAUTION: All other components on the system board lose 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.

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