![Dell logo]

# Statement of Volatility – Dell Latitude 14 Rugged (5404)

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

The Dell Latitude 14 Rugged (5404) contains both volatile and non-volatile (NV) components. Volatile components lose their data immediately after power is removed from the component. Non-volatile (NV) components continue to retain their data even after power is removed from the component. The following NV components are present on the Dell Latitude 14 Rugged (5404) 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) |
|---|---|---|---|---|
| Embedded Flash in embedded controller MEC5035 | U38 | 256 KB and 2K byte of embedded Flash memory for keyboard controller BIOS code, asset tag and BIOS passwords | No | N/A |
| Panel EEDID EEPROM | Part of panel assembly | Non Volatile memory, 64K bytes. Stores panel manufacturing information, display data | No | Part of panel assembly |
| System BIOS | U1, U2 | Non Volatile memory, 64 Mbit (8 MB), 32Mbit (4MB) System BIOS and Video BIOS for basic boot operation, PSA (on board diags), PXE diags. | No | N/A |
| System Memory – DDR3 memory | Connectors JDIMM1 and JDIMM2 | Volatile memory in OFF state<br><br>One or two modules must be populated. System memory size will depend on SODIMM modules and must be between 1 GB and 8 GB. | Yes | Power off system |
| System memory SPD EEPROM | On System memory SODIMM(s) – 1-2 present | Non Volatile memory 2Kbit (256 bytes). One device present on each SODIMM.<br><br>Stores memory manufacturer data and timing information for correct operation of system memory. | No | N/A |
| RTC CMOS – BBRAM (battery backed | UC1 | Non Volatile memory, 256 Bytes.<br>Stores CMOS information. | No | N/A |

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|---|---|---|---|---|
| up) | | | | |
| Video memory – frame buffer | UMA architecture uses system DDR3L. Discrete graphics systems use DDR3L. (UV4-UV7) for frame buffer | Volatile memory in off state. 2 GB DDR3L discrete graphics systems. UMA uses main system memory size allocated out of main memory. | No | N/A |
| DP Hub FW | U7 | Non-volatile memory for DP hub firmware. | No | N/A |
| TPM Controller | U25 | Non-volatile memory. 2K bits (256 bytes) ROM | No | N/A |
| Hard drive(s) | User replaceable - one | Non-volatile SSD of various sizes in GB. Non-volatile spinning drives of various sizes in GB. | Yes | Low level format |
| CD-ROM/RW/ DVD/ DVD+RW/ Diskette Drives | User replaceable | Non Volatile optical media. | Yes | Low level format/erase |
| △ | 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 | | | |

| Description | Reference Designator | Volatility Description | User Accessible for external data | Remedial Action (Action necessary to prevent loss of data) |
|---|---|---|---|---|
| | user data on the memory (DDR3, 1067 MHz). Secondary power loss (removing the on-board coin-cell battery) destroys system data on the system configuration and time-of-day information. | | | |