



Statement of Volatility – Dell P3221D



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

The Dell P3221D 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 P3221D 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)
IC SER FLASH MEMORY W25Q32JVS SJQ	U302	Non-volatile Flash memory, 32M bit. To store firmware.	No	Part place on Interface Board, it has hardware/software write protected.
IC EEPROM GT24C16A	U303	Non-volatile memory, 16Kbit, To store Scaler data.	No	Part place on Interface Board, it has hardware/software write protected.
IC EEPROM M24C02-RMN6TP	U1203	Non-volatile memory, 2k bit. To store HDMI EDID.	No	Part place on Interface Board, it has hardware/software write protected.
IC FLASH MX25L8006E M1I-12G	U1303	Non-volatile Flash memory, 16M bit. To store PD controller firmware.	No	Part place on Interface Board, it has software write protected.
IC EEPROM GT24C16A-2GLI-TR	U1903	Non-volatile EEPROM 16Kbit. To ISP function.	No	Part place on Interface Board, it has software write protected.



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 (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.