Statement of Volatility—Dell P3221DE

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

The Dell P3221DE 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 P3221DE 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 W25Q32JVSSIQ	U302	Non-volatile Flash memory, 32Mbit. To store firmware	No	Part place on Interface Board, it has hardware/software write protected
IC EEPROM GT24C128B-2GLI-TR	U305	Non-volatile memory, 128Kbit, To store Scaler data	No	Part place on Interface Board, it has hardware/software write protected
IC EEPROM M24C02-RMN6TP	U201	Non-volatile memory, 2Mbit. To store HDMI EDID	No	Part place on Interface Board, it has hardware/software write protected.
IC FLASH XM25QH80 BJIGT	U1305	Non-volatile Flash memory, 8Mbit. To store FPD controller firmware	No	Part place on Interface Board, it has software write protected.
IC FLASH XM25QH40 BJIGT	U1903/U1906	Non-volatile EEPROM 4Mbit. To HUB.	No	Part place on Interface Board, it has software write protected.

CAUTION: All the 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 (DDR5, 16GMB). 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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