Statement of Volatility – Dell U4021QW

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

The Dell U4021QW 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 XXXX 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)
Serial Flash ROM MX25L12872FM2I-10G	U301	Non-volatile Flash memory, 128M bit. To store scaler firmware.	No	Part place on Interface Board, it has hardware/software write protected.
EEPROM FM24C1024A-SO-T-G	U302	Non-volatile memory, 1024k bit. To store DP EDID, HDCP and user adjust data.	No	Part place on Interface Board, it has hardware/software write protected.
DDR3 SDRAM NT5CB256M16ER-FL	U800/U801/U802/U803	Volatile memory 1Gbit (256Mbx16). To store video data stream and firmware code.	No	Part place on Interface Board.
Serial Flash ROM W25Q80DVSNIG	U2601	Non-volatile Flash memory, 8M bit. To store Thunderbolt and PD firmware.	No	Part place on Interface Board, it has hardware/software write protected.
Serial Flash ROM W25X40CLSNIG	U3301	Non-volatile Flash memory, 4M bit. To store USB3.0 firmware.	No	Part place on Interface Board, it has hardware/software write protected.
EEPROM GT24C02A-2GLI-TR	U1200/U1201	Non-volatile memory, 2k bit. To store HDMI1/2 EDID, data.	No	Part place on Interface Board, it has hardware/software write protected.
Serial Flash ROM W25X40CLSNIG	U804	Non-volatile Flash memory, 4M bit. To store USB3.0 firmware.	No	Part place on USB Side Board, it has hardware/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.