



Statement of Volatility – Dell U4320Q

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

The Dell U4320Q 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 U4320Q 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 FLASH MX25L6433 FM2J-08G SOP 8P	U301	Non-volatile Flash memory, 64M bit. To store firmware.	No	Part place on Interface Board, it has hardware/software write protected.
IC FLASH MX25L8006 EM1I-12G SOP 8P	U1308	Non-volatile Flash memory, 8M bit. To store PD firmware.	No	Part place on Interface Board, it has hardware/software write protected.
IC EEPROM M24256- BRMN6TP SO8	U302	Non-volatile memory, 256Kbit, To store Scaler data.	No	Part place on Interface Board, it has hardware/software write protected.
IC EEPROM GT24C02A- 2GLI-TR SOIC 8P	U1202,U1203	Non-volatile memory, 2k bit. To store HDMI EDID,	No	Part place on Interface Board, it has hardware/software write protected.
IC EEPROM GT24C16A- 2GLI-TR SOIC 8P	U1902	Non-volatile EEPROM 16Kbit. To ISP function	No	Part place on Interface Board, it has hardware write protected.
IC SDRAM DDR3 W632GG6NB 09J 2GBIT BGA96P	U801, U802,U803,U 804	Volatile memory 2Gbit (128Mx16). To store video data stream and firmware code.	No	Part place on Interface Board,

△ 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.