

Statement of Volatility – Dell U3023E

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

The Dell U3023E 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 U3023E 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 XM25QH32 CHIGT SOP 8P 208MIL	U303	Non-volatile Flash memory, 32M bit. To store firmware. Delta-E & Uniformity calibration data.	No	Part place on Interface Board, it has hardware/software write protected.
EEPROM GT24C32B- 2GLI-TR SOIC 8P	U302	Non-volatile memory, 32Kbit, To store Scaler data.	No	Part place on Interface Board, it has hardware/software write protected.
EEPROM GT24C02A- 2GLI-TR SO 8P	U1202/U1203	Non-volatile memory, 2k bit. To store HDMI EDID,	No	Part place on Interface Board, it has hardware/software write protected.
Serial Flash ROM GD25Q80CT IGR SOP 8P MP 150M	U1303	Non-volatile Flash memory, 8M bit. To store firmware.	No	Part place on Interface Board, it has hardware/software write protected.
Serial Flash ROM XM25QH40 BJIGT SOP 8P 150MIL	U704	Non-volatile Flash memory, 4M bit. To store 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.