



Statement of Volatility – Dell UP3221Q Monitor

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

The purpose of this document is to certify that Dell’s UP3221Qmonitor will not save, retain or reproduce a signal to any internal or external component after power has been removed and reapplied to the unit.

The Dell UP3221QMonitor 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 Dell UP3221QMonitor.

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)
System EEPROM: ST M24256-BWMN6TP	Storage of system setting (OSD)	Non-Volatile memory, 256 Kbit.	OSD setting: Yes	Control the OSD menu and change OSD setting(ex. Brightness, contrast, color setting) and the setting will be stored into system EEPROM. The hardware and software write protected
HDMI EDID EEPROM: ST M24C02	Storage of HDMI EDID	Non-Volatile memory, 2 Kbit.	No	.HDMI EDID is embedded in the firmware, and copied to EEPROM after F/W programming. (or using customized EDID tool). The hardware and software are write protected.
System Flash ROM: MXIC MX25L12835 FM2I (Serial flash memory)	To store firmware.	Non-Volatile memory, 128 Kbit.	No	Loading flash memory requires a vendor-provided tool and firmware. This Software and hardware are write protected.
USB Hub Flash ROM: MXIC MX25V1035F M1I (Serial flash memory)	Storage of USB Hub setting	Non- Volatile memory, 1 M Bit.	No	Factory burnt data or via vendor-provided tool to update. The hardware and software are write protected.
SOC EEPROM - ST M24M02	Calibration data transfer	Non- Volatile memory, 2 M Bit.	OSD setting: Yes	Do calibration in OSD setting Do calibration from CalMAN Ready Do ISP for update SOC



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 (DDR4, 2400/2666 MHz). 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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