



Date: Jun 18, 2021

Subject: Statement of Volatility – Dell E2422H Monitor

To whom it may concern:

The purpose of this document is to certify that Dell's E2422H monitor 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 E2422H monitor contains both volatile and non-volatile (NV) memory ICs. Volatile memory(s) lose their data immediately upon removal of power. Non-volatile memory ICs continue to retain their data even after the power has been removed. However, no input video data is written into these memory ICs during operation.

List below contains volatile and non-volatile memory ICs used in Dell E2422H monitor.

| | |
|---|--|
| System EEPROM | FMSH FM24C16D |
| Size | 16Kbit |
| Type [e.g. Flash PROM, EEPROM] | EEPROM |
| Volatility | Non-volatile |
| Can user programs or operating system write data to it during normal operation? | Yes |
| Purpose | Storage of system setting (OSD) |
| How is data input to this memory? | Controls the OSD menu and changes OSD settings (ex. brightness, contrast, color) and the settings will be stored into system EEPROM. |
| How is this memory write protected? | Software write protected |

| | |
|---|---|
| VGA EDID EEPROM | FMSH FM24C02C |
| Size | 2Kbit |
| Type [e.g. Flash PROM, EEPROM] | EEPROM |
| Volatility | Non-volatile |
| Can user programs or operating system write data to it during normal operation? | No |
| Purpose | Storage of VGA EDID |
| How is data input to this memory? | VGA EDID is embedded in the firmware, and copied to EEPROM after F/W programming. (or via customized EDID tool) |
| How is this memory write protected? | Software write protected |

| | |
|---|--|
| System Flash ROM | FMSH FM25Q04 |
| Size | 4Mbit |
| Type [e.g. Flash PROM, EEPROM] | Serial flash memory |
| Volatility | Non-volatile |
| Can user programs or operating system write data to it during normal operation? | No |
| Purpose | To store firmware |
| How is data input to this memory? | Loading flash memory requires a vendor-provided tool and firmware. |
| How is this memory write protected? | Software write protected |

Please direct any questions to your Dell Marketing contact.

Sincerely,

Dell Marketing