Statement of Volatility – Dell Optiplex 3030 AIO

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

The Dell OptiPlex 3030 AIO 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 OptiPlex 3030 AIO 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)
Embedded Flash in embedded controller SMSC5555	U9425	96K bytes non-volatile memory. 2K bytes of on-chip ROM for keyboard controller 256 bytes of on-chip RAM.	No	N/A
Panel EDID & setting in eDP converter IC	U29	Non-volatile memory, 1024 bytes.	No	N/A
System BIOS	J131, J132	Non Volatile memory, 64 Mbit (8 MB) & 32 Mbit (4 MB), System BIOS and Video BIOS for basic boot operation, PSA (on board diags), PXE diags.	No	N/A
System Memory – DDR3 memory	Two SODIMM connectors: XMM1,3	Volatile memory in OFF state One to two modules must be populated. System memory size will depend on SODIMM modules and must be between 2 GB and 16 GB.	Yes	Power off system
Media Card – SD/MS/MMC/xD	One media card slot: J56	Non Volatile memory	Yes	N/A
System memory SPD EEPROM	On System memory SODIMM(s) – 2 present	Non Volatile memory 512 Bytes. Stores memory manufacturer data and timing information for correct operation of system memory.	No	N/A
TPM	U9421	4K bytes non-volatile memory located in the TPM module.	No	N/A

| RTC CMOS | Battery | Volatile battery back-backed CMOS memory 256 bytes. Stores CMOS information. | No | Removing the on board Coin Cell battery. |

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Description	Reference Designator	Volatility Description	User Accessible for external data	Remedial Action (Action necessary to prevent loss of data)
Hard drive(s)	User replaceable – one.	Non Volatile magnetic media, various sizes in GB. May also be SSD (solid state flash drive).	Yes	Low level format
CD-ROM/RW/ DVD/ DVD+RW/ Diskette Drives	User replaceable	Non Volatile optical media.	Yes	Low level format/erase

⚠ **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). Secondary power loss (removing the on-board coin-cell battery) destroys system data on the system configuration and time-of-day information.**