



Statement of Volatility – Dell Precision M3800

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

The Dell Precision M3800 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 Precision M3800 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 KB9012	UE1	128 KB of embedded Flash memory for keyboard controller BIOS code.	No	N/A
Panel EEDID EEPROM	Part of panel assembly	Non-volatile memory, 512 bytes.	No	Part of panel assembly
System BIOS	UH2(8 MB)	Non-volatile memory, 64 Mbit (8 MB), System BIOS and Video BIOS for basic boot operation, PSA (on board diags), PXE diags., VBIOS	No	N/A
System Memory – DDR3L memory	Four SODIMM connectors: JDIM1,2	Volatile memory in Off state One to two modules must be populated. System memory size will depend on SODIMM modules and must be between 8 GB and 16 GB.	Yes	Power Off system
System memory SPD EEPROM	On memory SODIMM(s) – 1 ~2 present	Non-volatile memory 512 Bytes. Stores memory, manufacturer data, and timing information for correct operation of system memory.	No	N/A
Video memory – frame buffer	UV6, UV6, UV9, UV19	Volatile memory in Off state. 4 GB GDDR5 for nVidia N15P discrete graphics systems.	No	N/A

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) and Hybrid Hard Disk Drive (HDD).	Yes	Low-level format
mSATA drive	User replaceable - one.	Non-volatile magnetic media, various sizes in GB. It is SSD (solid state flash drive).	Yes	Low-level format

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