

Statement of Volatility – Dell Pro Max 16 Premium MA16250

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

The Dell Pro Max 16 Premium MA16250 contains both volatile and non-volatile components. Volatile components erase their data immediately after power is removed from the component. Non-volatile components continue to retain their data even after power is removed from the component. The following non-volatile components are present on the Dell Pro Max 16 Premium MA16250 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 erase data)
Embedded Flash in the embedded controller MEC5407	UE1	448 KB code/Data SRAM 384 KB code/64 KB data optimized for performance	No	Not applicable
Panel EEDID EEPROM	Part of the panel assembly	Non-volatile memory. FHD+ 256 bytes QHD+ 256 bytes	No	Part of the panel assembly
System BIOS	UC2	Non-volatile memory. 64 MB x 1 System BIOS and Video BIOS for basic boot operation, PSA (on board diags), PXE diags.	No	Not applicable
System Memory – LPDDR5 – LPDDR5x	Onboard DRAM+ UD1/UD2/UD3/UD4	Volatile memory in the OFF state. The system memory size will depend on LPDDR5/LPDDR5x: 32 GB, 64 GB, 128 GB (x32) per package	No	Not applicable
GPU VRAM Motherboard 1 (MB1)	UV411/UV412/UV413/UV414/UV415/UV416	Volatile memory in the OFF state. 12 GB GDDR7 SDRAM	No	Not applicable
GPU VRAM Motherboard 2 (MB2)	UV411/UV412/UV413/UV414	Volatile memory in the OFF state. 8 GB GDDR7 SDRAM	No	Not applicable
System memory SPD EEPROM	Part of the memory module assembly	Non-volatile memory. Stores memory manufacturer data and timing information into BIOS code.	No	Not applicable
Hard drive(s)	SSD1/SSD2	2280 M.2 type SSD (PCIe interface)	Yes	Low-level format
Card reader	SD 8.0 card reader controller Firmware UR1	PCIe interface of the embedded Flash memory	No	Not applicable
Touchscreen Embedded Flash	Part of panel assembly	I2C interface of the embedded Flash memory	No	Part of the panel assembly

Accelerometer+ Gyro LIS2DW12TR	UN1	I2C interface of the embedded Flash memory	No	Not applicable
ACC LIS2DW12TR (CVF)	UN1	I2C interface of the embedded Flash memory	No	Not applicable
TPM 2.0 ST33HTPH2X32AHE4 NPCT760JABYX	UK101	SPI interface of the embedded Flash memory	No	Not applicable
Synaptics SVP7500B0	UDV22	SPI interface of the embedded Flash memory	No	Not applicable
PD CYPD8229-52LQXIT CYPD8129-52LQXIT	UT301	I2C interface of the embedded Flash memory	No	Not applicable
Hayden Bridge TBT Re-timer	UT1(MB) UT1(R_IO)	I2C interface of the embedded Flash memory	No	Not applicable
SPI Flash (Hayden Bridge)	UT10	Non-volatile memory. 1.8 V 8 Mbit Flash memory	No	Not applicable
SPI Flash MB1/MB2	UV410	Non-volatile memory 1.8 V 32 Mbit Flash memory	No	Not applicable
Fingerprint sensor	Module	USB interface of the embedded Flash memory	No	Not applicable
Touchpad	Module	I2C interface of the embedded Flash memory	No	Not applicable
Camera sensor	Module	I2C interface of the embedded Flash memory	No	Not applicable
Digital IMVP9.2 controller	PUZ001	Non-volatile memory. 255 KB Digital IMVP9.2 controller	No	Not applicable

⚠ CAUTION: All other components on the system board lose data if power is removed from the computer. Primary power loss (unplugging the power cable and removing the battery) destroys all user data on the memory. Secondary power loss (removing the onboard coin-cell battery) destroys system data on the system configuration and time-of-day information.