




Statement of Volatility – Dell Wyse 5470 Thin Client

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

The Dell Wyse 5470 Thin Client 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 Wyse 5470 Thin Client 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: EMC1418	U2401	64K byte of embedded boot ROM for embedded controller boot code which loads an executable code image into SRAM.	No	N/A
Panel EEDID EEPROM	Part of panel assembly	Non-volatile memory, 512 bytes.	No	Part of panel assembly
System BIOS ME Firmware	BIOS1, U2503	Non-volatile memory, 128Mbit (16 MB), System BIOS and Video BIOS for basic boot operation, PSA (on board diags), Intel ME firmware for system configure, security and protection, and ISH firmware.512KB for EC code.	No	N/A
CAC card ROM	U302	Non-volatile memory, 4 MB	No	N/A
System Memory – DDR4 memory	DM1 , DM2	<p>Volatile memory in Off state (see state definitions later in text)</p> <p>Four packages memories must be populated. System memory size will depend on the size of each piece memory and must be between 4 GB and 16 GB.</p>	Yes	Power off system
USB-Type C PD	U7201	Non-volatile memory for USB Type-C PD F/W	No	N/A
RTC CMOS	RTC1	Non-volatile memory 256 bytes stores CMOS information	No	N/A

Description	Reference designator	Volatility description	User accessible for external data	Remedial action (Action necessary to prevent loss of data)
Video memory – frame buffer	N/A	Volatile memory in Off state. UMA uses main system memory size allocated out of main memory.	No	Power off system
LOM Serial Flash Memory	U3101	Non-volatile memory, EFUSE mode 188 bytes, WOL settings, PXE settings.	No	N/A
SSD driver(s)	SSD1	Non-volatile SSD (solid state flash device) media, various sizes in GB.	Yes	Low-level format
TPM Controller	U9101	Non-volatile memory, 192K bits (24K bytes) ROM	No	N/A
	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, 1067 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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