

Dell Corporation One  
 Dell Way Round Rock,  
 TX 78682

Telephone:  
 512.338.4400 Telefax:  
 512.728.3653



Date: 3/13/2020

Subject: Statement of Volatility – Dell Wyse 5070 Thin Client

Dear Reader:

The **Dell Wyse 5070 Thin Client** contains both volatile and non-volatile (NV) components. Volatile components lose their data immediately upon removal of power from the component. Non- volatile components continue to retain their data even after the power has been removed from the component. The following NV components are included on the **Dell Wyse 5070 Thin Client**.

Dell Wyse 5070 Thin Client	Details
Size:	128 KB
Type: [e.g. Flash PROM, EEPROM]:	SPI Flash
Can user programs or operating system write data to it during normal operation?	No
Does it retain data when powered off?	Yes
Purpose? [e.g. boot code]	USB3 HUB boot code
How is data input to this memory?	Use Realtek Flash tool
How is this memory write protected?	Use Realtek Flash tool
Remarks	Memory soldered down
Size:	256 KB
Type: [e.g. Flash PROM, EEPROM]:	SPI Flash
Can user programs or operating system write data to it during normal operation?	No
Does it retain data when powered off?	Yes
Purpose? [e.g. boot code]	PS181 boot code
How is data input to this memory?	Use Parade Flash tool
How is this memory write protected?	Use Parade Flash tool
Remarks	Memory soldered down
Size:	512 KB
Type: [e.g. Flash PROM, EEPROM]:	SPI Flash
Can user programs or operating system write data to it during normal operation?	No
Does it retain data when powered off?	Yes
Purpose? [e.g. boot code]	ECIO boot code
How is data input to this memory?	Use ECIO Flash tool
How is this memory write protected?	Use ECIO Flash tool
Remarks	Memory soldered down

Size:	16 MB
Type: [e.g. Flash PROM, EEPROM]:	SPI Flash
Can user programs or operating system write data to it during normal operation?	Yes
Does it retain data when powered off?	Yes
Purpose? [e.g. boot code]	Boot Code, Main board PPIID
How is data input to this memory?	Use BIOS Flash tool to input BIOS
How is this memory write protected?	Use BIOS Flash tool
Remarks	Memory soldered down
Size:	16 GB/32 GB
Type: [e.g. Flash PROM, EEPROM]:	eMMC
Can user programs or operating system write data to it during normal operation?	Yes
Does it retain data when powered off?	Yes
Purpose? [e.g. boot code]	Store OS and user settings
How is data input to this memory?	Imaging tool and applications
How is this memory write protected?	SW write protect.
Remarks	Memory soldered down
	Memory soldered down. 16 GB eMMC is only available with ThinOS and ThinLinux and 32 GB option is only available with Windows10 IoT Enterprise
Size:	32 GB/64 GB/128 GB/256 GB/512 GB/1TB
Type: [e.g. Flash PROM, EEPROM]:	M.2 SSD Flash
Can user programs or operating system write data to it during normal operation?	Yes
Does it retain data when powered off?	Yes
Purpose? [e.g. boot code]	Store OS and user settings
How is data input to this memory?	Imaging tool and applications
How is this memory write protected?	SW write protect
Remarks	M.2 SSD Flash is only available with ThinLinux and Windows 10 IoT Enterprise
Size:	242 bytes
Type: [e.g. Flash PROM, EEPROM]:	CMOS
Can user programs or operating system write data to it during normal operation?	Yes
Does it retain data when powered off?	Yes
Purpose? [e.g. boot code]	BIOS Settings
How is data input to this memory?	The CMOS can be access by BIOS
How is this memory write protected?	No write protect
Remarks	Integrated in SOC
Size:	188 bytes
Type: [e.g. Flash PROM, EEPROM]:	eFUSE
Can user programs or operating system write data to it during normal operation?	No
Does it retain data when powered off?	Yes
Purpose? [e.g. boot code]	LAN functionality settings and Store MAC
How is data input to this memory?	Use WINPG flash tool
How is this memory write protected?	Use WINPG flash tool
Remarks	Memory soldered down

Size:	2 GB/4 GB
Type: [e.g. Flash PROM, EEPROM]:	RAM
Can user programs or operating system write data to it during normal operation?	Yes
Does it retain data when powered off?	No
Purpose? [e.g. boot code]	System Memory
How is data input to this memory?	Applications and OS
How is this memory write protected?	No
Remarks	DDR4 SODIMM Module

Please direct any questions to the undersigned.

Sincerely,

Dell Marketing