Hewlett-Packard Certificate of Volatility

Model: HP LaserJet Enterprise M527	Part Number: M527z = F2A78A M527zm = F2A80A	Address: Hewlett Packard Company 11311 Chinden Blvd Boise, ID 83714

Volatile Memory

Does the device contain volatile memory (Memory whose contents are lost when power is removed)?
☒ Yes ☐ No If Yes please describe the type, size, function, and steps to clear the memory below

Type (SRAM, DRAM, etc):	Size:	User Modifiable:	Function:	Steps to clear memory:
DRAM	1792MB	☐ Yes ☒ No	Used for temporary storage during the processing of jobs and for applications running on the OS.	When the printer is powered OFF, the memory is erased.
Type (SRAM, DRAM, etc):	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Steps to clear memory:

Non-Volatile Memory

Does the device contain non-volatile memory (Memory whose contents are retained when power is removed)?
☒ Yes ☐ No If Yes please describe the type, size, function, and steps to clear the memory below

Type (Flash, EEPROM, etc):	Size:	User Modifiable:	Function:	Steps to clear memory:
eMMC	32KB	☐ Yes ☒ No	Contains the boot code and factory product configuration data required for the device to function. User modifications are limited to downloading digitally signed HP firmware images.	There are no steps to clear this data.
SPI	4MB	☐ Yes ☒ No	BIOS	There are no steps to clear this data.

Mass Storage

Does the device contain mass storage memory (Hard Disk Drive, Tape Backup)?
☐ Yes ☒ No If Yes please describe the type, size, function, and steps to clear the memory below

Type (HDD, Tape, etc):	Size:	User Modifiable:	Function:	Steps to clear memory:
HDD	320GB	☒ Yes ☐ No	Stores data, OS, applications, digitally signed firmware images, persistent data, and temporary data for processing system functions	There are several ways to erase: 1. Secure Storage Erase - Erases temporary files and job data by overwriting information one or three times 2. Secure Disk Erase - Industry standard ATA Secure Erase. Overwrites all data on HDD 3. Secure File Erase - Erases files when jobs finish processing by overwriting them one or three times.
Type (HDD, Tape, etc):	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Steps to clear memory:

USB

Does the item accept USB input and if so, for what purpose (i.e. Print Jobs, device firmware updates, scan upload)?
☒ Yes ☐ No If Yes please describe below

Walk up USB Print

Can any data other than scan upload be sent to the USB device)?
☐ Yes ☒ No If Yes please describe below

RF/RFID

Does the item use RF or RFID for receive or transmit of any data including remote diagnostics? (e.g. Cellular phone, Bluetooth) ☒ Yes ☐ No If Yes please describe below	
Purpose:	
Frequency:	Bandwidth:
Modulation:	Effective Radiate Power (ERP):
Specifications:	

Other Transmission Capabilities

Does the device employ any other methods of non-wired access to transmit or receive any data whatsoever (e.g. anything other than standard hard-wired TCP/IP, direct USB, or parallel connections)? ☐ Yes ☒ No If Yes please describe below:	
Purpose: Wireless direct print.	
Frequency: 2.4Ghz	Bandwidth:
Modulation:	Effective Radiate Power (ERP):
Specifications: 802.11 b/g/n	

Other Capabilities

Does the device employ any other method of communications such as a Modem to transmit or receive any data whatsoever? ☒ Yes ☐ No If Yes please describe below:
Purpose: NFC Tag Type 4   ISO 14443B
Specifications: To support tap to print only

Author Information

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