Hewlett-Packard Certificate of Volatility

Model: HP Color LaserJet Pro M180n Multifunction Printer	Part Number: T6B70A = M180n	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	256MB	☐ Yes ☒ No	Used for temporary storage during the processing of jobs and for applications running on the OS.	Power off printer
Type (SRAM, DRAM, etc):	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Steps to clear memory:
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:
Flash	128MB	☐ Yes ☒ No	Device FW	Perform a NVRAM initialization to clear unprotected data as explained in SM (for service person to perform only).
EEPROM	16KB	☐ Yes ☒ No	Printer specific data such as page count, internal engine reports.	Perform a NVRAM initialization to clear unprotected data as explained in SM (for service person to perform only).
Type (Flash, EEPROM, etc):	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Steps to clear memory:

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:
Type (HDD, Tape, etc):	Size:	☐ Yes ☐ No	Function:	Steps to clear memory:
Type (HDD, Tape, etc):	Size:	☐ 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

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:	
Frequency:	Bandwidth:
Modulation:	Effective Radiate Power (ERP):
Specifications:	

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:	
Specifications:	

Author Information

Name	Title	Email	Business Unit
Song, Wen Tao(Vinton)	Technical Marketing Engineer	technical.marketing@hp.com	LES SH CA
Han, Qing-Song(Nathan)	Electrical Engineer	technical.marketing@hp.com	LES SH R&D
Date Prepared: Dec-12-2017			