

### Hewlett-Packard Certificate of Volatility

<b>Model:</b> HP Color LaserJet M452 Printer Series	<b>Part Number:</b> CF388A=M452nw CF394A=M452dw	<b>Address:</b> Hewlett Packard Company 11311 Chinden Blvd Boise, ID 83714
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#### 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: 128MB	User Modifiable:  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: Used for temporary storage during the processing of jobs and for applications running on the OS.	Steps to clear memory: When the printer is powered OFF , the memory is erased.
Type (SRAM, DRAM, etc):	Size:  256MB	User Modifiable:  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: Used for temporary storage during the processing of jobs and for applications running on the OS.	Steps to clear memory: When the printer is powered OFF , the memory is erased
Type (SRAM, DRAM, etc):	Size:	User Modifiable: <input type="checkbox"/> Yes <input type="checkbox"/> 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: 256MB	User Modifiable: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: Device Firmware	Steps to clear memory: NA
Type (Flash, EEPROM, etc):	Size:	User Modifiable: <input type="checkbox"/> Yes <input type="checkbox"/> No	Function:	Steps to clear memory:
Type (Flash, EEPROM, etc):	Size:	User Modifiable: <input type="checkbox"/> Yes <input type="checkbox"/> 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: <input type="checkbox"/> Yes <input type="checkbox"/> No	Function:	Steps to clear memory:
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Type (HDD, Tape, etc):	Size:	User Modifiable: <input type="checkbox"/> Yes <input type="checkbox"/> No	Function:	Steps to clear memory:
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#### 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

The front USB host can accept print jobs, scan uploads, photos and can be used to upload printer firmware.

Can any data other than scan upload be sent to the USB device)?

Yes  No If Yes please describe below

Rear USB host when configured will accept stored jobs, encrypted files stored and deleted by user.

#### 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: Wireless Information string

Frequency: 13.56MHz

Bandwidth: 106-424kbps

Modulation: Manchester, 10% ASK

Effective Radiate Power (ERP): Not an internal radiator.  
Load modulation as passive tag emulation.

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 Network Connectivity

Frequency: 2.4 GHz Band

Bandwidth: 802.11n 20Mhz

Modulation: Multiple

Effective Radiate Power (ERP): 802.11n 15+-1.5dBm

Specifications: 802.11 n/a/b/g

### 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
Leo Liu	Technical Marketing Engineer	technical.marketing@hp.com	LES CA
Ricardo Osuna	R&D Engineer	technical.marketing@hp.com	LES R&D