

Hewlett-Packard Certificate of Volatility

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| Model: HP Color LaserJet Pro M454nw HP Color LaserJet Pro M454dw | Part Number: W1Y43A W1Y45A | Address: 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): DRAM | Size: 512MB | 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: |
| 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): Flash | Size: 256MB for M454nw | User Modifiable: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Function: Device Firmware | Steps to clear memory: NA |
| Type (Flash, EEPROM, etc): Flash | Size: 512MB for M454dw | 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: |

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: |
|------------------------|-------|--|-----------|------------------------|

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 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

The 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: BLE (Bluetooth Low Energy)

Frequency: BLE 2.4 to 2.485 GHz band

Bandwidth: 0.27 Mbit/s

Modulation: Gaussian frequency shift modulation

Effective Radiate Power (ERP): BT: 10mW max

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)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes please describe below: | |
| Purpose: Wireless Network Connectivity | |
| Frequency: 2.4GHz and 5GHz Bands | Bandwidth: 20/40 MHz |
| Modulation: Multiple | Effective Radiate Power (ERP): 802.11n/g: 15+/- 1.5dbm 802.11b: 17+/- 1.5dbm |
| Specifications: 802.11 n/a/b/g | |

| 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)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes please describe below: |
| Purpose: |
| Specifications: |

| Author Information | | | |
|----------------------------------|-------------------------|----------------------------|---------------------------------|
| Name | Title | Email | Business Unit |
| Matt Toning | Technical Marketing Eng | Technical.Marketing@hp.com | Office Printing Solutions (OPS) |
| Rob Conant | R&D Engineer | Technical.Marketing@hp.com | Office Printing Solutions (OPS) |
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