

Hewlett-Packard Certificate of Volatility

Model: HP LaserJet Enterprise M855	Part Number: A2W77A = M855dn A2W78A = M855xh	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)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes please describe the type, size, function, and steps to clear the memory below				
Type (SRAM, DRAM, etc): DDR2 - DRAM	Size: 2.5 GB	User Modifiable: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: Used for temporary storage during the process of jobs, and for applications that are running on the OS. (Note: Total memory on formatter consists of 512MB on board and an additional 1GB DIMM, on scanner control board there are 512MB on board and 512MB of DIMM)	Steps to clear memory: When the printer is powered off, the memory is erased.

Non-Volatile Memory

Does the device contain non-volatile memory (Memory whose contents are retained when power is removed)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes please describe the type, size, function, and steps to clear the memory below				
Type (Flash, EEPROM, etc): SPI Flash	Size: 4 MB	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: 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.	Steps to clear memory: There are no steps to clear this data.
Type (Flash, EEPROM, etc): ICB EEPROM	Size: 32 KB	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: Backup device for critical system counters and product configuration information.	Steps to clear memory: There are no steps to clear this data.
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)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes please describe the type, size, function, and steps to clear the memory below				
Type (HDD, Tape, etc): Self encrypting Hard drive, SATA2 (All M880 models, M855xh and M855x+ only)	Size: 320 GB	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: Stores customer data, OS, applications, digitally signed firmware images, persistent data, and temporary data used for processing and system functions	Steps to clear memory: There are several ways to erase this: 1. Secure Storage Erase - Erases temporary files and job data by overwriting information one or three times 3. Secure Disk Erase - Industry standard ATA Secure Erase. Overwrites all data on the hard drive. 4. Secure File Erase - Erases files when jobs finish processing by overwriting them one or three times.
Type (HDD, Tape, etc): SSD Solid State Device (M855dn only)	Size: 8 GB	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: Stores customer data, OS, applications, digitally signed firmware images, persistent data, and temporary data used for processing and system functions	Steps to clear memory: From the Pre-boot menu choose format disk.

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

Print jobs, HP digitally signed firmware upgrades, 3rd party application loading. Restore encrypted backed-up system settings. USB ports can be disabled.

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

Yes No If Yes please describe below

Diagnostic service logs can be uploaded. Print files can be printed via a USB thumb drive.

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:

Specifications:

Author Information

Name	Title	Email	Business Unit
Debbie Tuckness	Technical Marketing Engineer	Technical.Marketing@hp.com	IPG
Henry Wu	System Engineer	Technical.Marketing@hp.com	IPG

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