## Certificate of volatility

Hewlett-Packard Certificate of Volatility							
Model:		Part Numb		Address:			
HP LaserJet Pro MFP	M227 -			Hewlett Packard Company			
M230 Printer Series		G3Q75A =	: M227fdw	11311 Chinden Blvd			
		G3Q77A =	: M230fdw	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):	ase describe   Size:	e tne type, size, ti User Modifiable:	unction, and steps to clear the r I Function:	Steps to clear memory:			
Type (SKAIVI, DKAIVI, etc).	SIZE.	Oser Modifiable.	Used for temporary storage durin				
DDR3-DRAM	256MB		the processing of jobs and for	the memory is erased.			
		□ Voo ⊠ No	applications running on the OS.				
Type (SRAM, DRAM, etc):	Size:	☐ Yes ☐ No User Modifiable:	Function:	Steps to clear memory:			
Typo (or a uni, bra uni, oto).	0120.	☐ Yes ☐ No	T different	·			
Type (SRAM, DRAM, etc):	Size:	User Modifiable:  ☐ Yes ☐ No	Function:	Steps to clear memory:			
			<u> </u>				
		Non-V	olatile Memory				
		emory (Memory	whose contents are retained wh				
∑ Yes □ No If Yes plead	ase describe		unction, and steps to clear the r	nemory below			
Type (Flash, EEPROM, etc):	Size:	User Modifiable:	Function: Store customer settings data for	Steps to clear memory: Perform an NVRAM initialization			
EEPROM			backup/restore.	according to steps in the service			
			·	manual to return most system			
				parameters in NVRAM to their default factory setting.			
	16 KB	☐ Yes ☒ No		default factory setting.			
Type (Flash, EEPROM, etc):	Size:	User Modifiable:	Function: Store firmware code, fil				
Nand-Flash	128MB		system, and customer setting dat for backup/restore.	a Permanent storage requires a special code to clear or update			
	.205		i.e. sackapii eeterei	firmware. Typically not done by			
		□ Vaa ⊠ Na		the end user.			
Type (Flash, EEPROM, etc):	Size:		Function:	Steps to clear memory:			
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		☐ Yes ☐ No					
			04				
Dana tha davias santais sa		Ma	ass Storage				
Does the device contain m	ass storage ase describ	memory (Hard D	isk Drive, Tape Backup)? unction, and steps to clear the r	nemory helow			
Type (HDD, Tape, etc):	Size:	User Modifiable:	Function:	Steps to clear memory:			
		☐ Yes ☐ No					
T (UDD T(1)		I I a a A A a d'C a I d	Lee.	Total trade and a second			
Type (HDD, Tape, etc):	Size:	User Modifiable:  ☐ Yes ☐ No	Function:	Steps to clear memory:			
			ı	,			
USB							
Does the item accept USB input and if so, for what purpose (i.e Print Jobs, device firmware updates, scan upload)?							
drive.	int ilies call	Do printed via a t	JOD HIGHID GITVE. OCAH HIES CAI	The appoaled to a USB thumb			
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: NFC wireless Information string					
Frequency:13.56	Bandwidth:106-848kbps				
Modulation:7-30% ASK	Effective Radiate Power (ERP): Not an internal radiator.				
Specifications:	Load modulation as passive tag emulation.				

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 Connection				
Frequency: 2.4GHz/5GHz	Bandwidth: 802.11n 20MHz/40MHz			
Modulation: DSSS,CCK, OFDM	Effective Radiate Power (ERP): <20 dbm (maxiam 20.5 dbm for FCC region)			
Specifications: 802.11 a/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:			
Specifications			

Author Information						
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