

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP LaserJet Enterprise Flow MFP M525 & Managed Flow MFP M525cm

Printing device and settings		
Test Start Date and Time	8/30/2012 8:00	
Tester	JB	
Machine name/model	HP LaserJet Enterprise Flow MFP M525 & Managed Flow MFP M525cm	
Colour or B&W	B&W	
FW Version	2200893_229650	
Temperature and Humidity	76 degF / 24 degC 33.03 %rH	
Voltage	110V	
Test End Date and Time	8/31/2012 12:01	

Item	Value	
Mode and Setting	Driver Version	61.121.4.12258
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Default
	Duplex B&W Settings	Set in the Driver
	Setting N set count	Application
Collating function	Activated (application)	
Paper Path	Paper Sending Direction	Default
	Paper Size Setting	Default
	Paper Feeding	Tray 2
	Paper Exit	Standard Exit Tray
	Output Orientation	Default (face down)
Paper	Duplexing Unit (Yes/No)	Yes
	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: Letter			
Office Category Test for B&W Device		FSOT (seconds)	ESAT (ipm)
B&W	Simplex	11.7	42.4
	Duplex	17.1	21.8

Notes

- 1) All printing device and driver settings were default mode.
- 2) For the B/W results, the print driver was set to "print in B/W".
- 3) For more information see <http://www.hp.com/go/printerclaims>.
- 4) Port monitor not configured to follow device if the IP address changes.

Detailed Report: LETTER						
	Office Category Test	FSOT (secs)	EFTP (ipm)			ESAT (ipm)
		1 set only (1 set)	1 set only (1 set)	1 set + 30sec (# of sets)	1 set + 4min (# of sets)	1 set + 30sec
Color Mode	Simplex - Adobe Reader		(1 set)			
	Simplex - Word		(1 set)			
	Simplex - Excel		(1 set)			
	Simplex - Average					
	Duplex - Adobe Reader	N/A	N/A	N/A		N/A
	Duplex - Word	N/A	N/A	N/A		N/A
	Duplex - Excel	N/A	N/A	N/A		N/A
	Duplex - Average	N/A	N/A	N/A		N/A
B&W mode (optional for color device)	Simplex - Adobe Reader	12.20	19.67 (1 set)	37.42 (9 sets)	41.40 (49 sets)	42.42
	Simplex - Word	11.44	20.97 (1 set)	38.07 (9 sets)		42.42
	Simplex - Excel	11.46	20.92 (1 set)	38.07 (9 sets)		42.41
	Simplex - Average	11.7	20.5	37.8	41.4	42.4
	Duplex - Adobe Reader	17.50	13.70 (1 set)	19.74 (6 sets)		21.80
	Duplex - Word	16.86	14.22 (1 set)	19.88 (6 sets)		21.84
	Duplex - Excel	16.80	14.28 (1 set)	20.06 (6 sets)		21.82
	Duplex - Average	17.1	14.0	19.8		21.8

Notes

- 1) All printing device and driver settings were default mode.
- 2) For the B/W results, the print driver was set to "print in B/W".
- 3) For more information see <http://www.hp.com/go/printerclaims>.
- 4) Port monitor not configured to follow device if the IP address changes.

Test System Parameters	
Item	Value
Computer	HP Compaq Elite 8300 Small Form Factor
Processor	Intel Core i7 -3770, 3.4 GHz
System Chip Set	Intel C216 Chipset Family SMBus Host Controller
System Board	system devices, default system BIOS
System Memory	4 GB
Hard Drive Subsystem	Standard disk drive (Seagate)
Video Subsystem	AMD Radeon HD 6350
Optical Drive	HP DVD A DH16aCSHR ATA
I/O Subsystem	Built-in
USB Subsystem	USB 2.0/3.0
TCP/IP	TCP/IP 10/1000
Operating System	Windows 7 64 Bit
Printing Applications	Microsoft Office 2010
Microsoft Office	Office 2010
Adobe Reader	10
Test files and location	Office category files, hard drive

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - A4

HP LaserJet Enterprise Flow MFP M525 & Managed Flow MFP M525cm

Printing device and settings	
Test Start Date and Time	8/30/2012 8:00
Tester	JB
Machine name/model	HP LaserJet Enterprise Flow MFP M525 & Managed Flow MFP M525cm
Colour or B&W	B&W
FW Version	2200893_229650
Temperature and Humidity	76 degF / 24 degC 33.03 %rH
Voltage	110V
Test End Date and Time	8/31/2012 12:01

Item	Value	
Mode and Setting	Driver Version	61.121.4.12258
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Default
	Duplex B&W Settings	Set in the Driver
	Setting N set count	Application
	Collating function	Activated (application)
Paper Path	Paper Sending Direction	Default
	Paper Size Setting	Default
	Paper Feeding	Tray 2
	Paper Exit	Standard Exit Tray
	Output Orientation	Default (face down)
	Duplexing Unit (Yes/No)	Yes
Paper	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: A4

Office Category Test for B&W Device		FSOT (seconds)	ESAT (ipm)
B&W	Simplex	12.0	40.4
	Duplex	17.4	21.2

Notes

- 1) All printing device and driver settings were default mode.
- 2) For the B/W results, the print driver was set to "print in BW".
- 3) For more information see <http://www.hp.com/go/printerclaims>.
- 4) Port monitor not configured to follow device if the IP address changes.

Detailed Report: A4

	Office Category Test	FSOT (secs)	EFTP (ipm)			ESAT (ipm)
		1 set only (1 set)	1 set only (1 set)	1 set + 30sec (# of sets)	1 set + 4min (# of sets)	1 set + 30sec
Colour Mode	Simplex - Adobe Reader		(1 set)			
	Simplex - Word		(1 set)			
	Simplex - Excel		(1 set)			
	Simplex - Average					
	Duplex - Adobe Reader	N/A	N/A	N/A		N/A
	Duplex - Word	N/A	N/A	N/A		N/A
	Duplex - Excel	N/A	N/A	N/A		N/A
	Duplex - Average	N/A	N/A	N/A		N/A
B&W mode (optional for color device)	Simplex - Adobe Reader	12.49	19.21 (1 set)	35.85 (9 sets)	39.41 (46 sets)	40.40
	Simplex - Word	11.74	20.43 (1 set)	36.44 (9 sets)		40.40
	Simplex - Excel	11.75	20.41 (1 set)	36.44 (9 sets)		40.40
	Simplex - Average	12.0	20.0 (1 set)	36.2 (6 sets)	39.4	40.4
	Duplex - Adobe Reader	17.87	13.42 (1 set)	19.30 (6 sets)		21.24
	Duplex - Word	17.21	13.94 (1 set)	19.34 (6 sets)		21.24
	Duplex - Excel	17.12	14.02 (1 set)	19.58 (6 sets)		21.24
	Duplex - Average	17.4	13.7 (1 set)	19.4 (6 sets)		21.2

Notes

- 1) All printing device and driver settings were default mode.
- 2) For the B/W results, the print driver was set to "print in BW".
- 3) For more information see <http://www.hp.com/go/printerclaims>.
- 4) Port monitor not configured to follow device if the IP address changes.

Test System Parameters

Item	Value
Computer	HP Compaq Elite 8300 Small Form Factor
Processor	Intel Core i7 -3770, 3.4 GHz
System Chip Set	Intel C216 Chipset Family SMBus Host Controller
System Board	system devices, default system BIOS
System Memory	4 GB
Hard Drive Subsystem	Standard disk drive (Seagate)
Video Subsystem	AMD Radeon HD 6350
Optical Drive	HP DVD A DH16aCSHR ATA
I/O Subsystem	Builtin
USB Subsystem	USB 2.0/3.0
TCP/IP	TCP/IP 10/1000
Operating System	Windows 7 64 Bit
Printing Applications	Microsoft Office 2010
Microsoft Office	Office 2010
Adobe Reader	10
Test files and location	Office category files, hard drive

ISO/IEC 29183 Copy Productivity Report

Full Detailed Test Report - LETTER

HP LaserJet Enterprise Flow MFP M525 & Managed Flow MFP M525cm

Machine Setup Information	
Test Start Date and Time	8/30/2012 12:43
Tester	JB
Machine name/model	HP LaserJet Enterprise Flow MFP M525 & Managed Flow MFP M525cm
Colour or B&W	B&W
FW Version	2200893_229650
Configuration (options)	Not Specified
Temperature and Humidity	79 degF / 26 degC 28.47 %rH
Test End Date and Time:	8/31/2012 9:33

	Pre-set Item	Pre-set Value
Mode	Output Resolution	Default
	Output Quality	Default
	Copying Mode	Colour for Colour and B&W for B&W
	Auto Density Adjustment	Default
	Collating function	Set in Control Panel
Paper	Paper Sending Direction	Default
	Paper Type Setting	Default
Paper Path	Paper Feeding	Tray 2
	Paper Exit	Default
	Face Up Exit	Default (face down)
Temporary Stop	Fixing Capability	Default
	Image Quality Stability	Default
	Capacity of Paper	Default
	Others	None

Paper	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: Letter		
	sFCOT	sESAT (ipm)
B&W	7.7	42.4

Notes
First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.

Detailed Report: LETTER						
	Target	sFCOT (secs)	sEFTP (ipm)			sESAT (ipm)
			1copy	1copy+30sec	1copy+4minutes	
B&W	A	7.59	7.89	36.92	41.29	42.42
				29 sets	190 sets	
	B	8.16	7.35	36.93	41.29	42.44
				29 sets	190 sets	
	C	7.52	7.98	37.03	41.29	42.44
				29 sets	190 sets	
	D	7.47	8.02	36.92	41.29	42.41
				29 sets	190 sets	
	Average	7.7	7.8	36.9	41.2	42.4

Notes
First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.

ISO/IEC 29183 Copy Productivity Report

Full Detailed Test Report - A4

HP LaserJet Enterprise Flow MFP M525 & Managed Flow MFP M525cm

Machine Setup Information	
Test Start Date and Time	8/30/2012 12:43
Tester	JB
Machine name/model	HP LaserJet Enterprise Flow MFP M525 & Managed Flow MFP M525cm
Colour or B&W	B&W
FW Version	2200893_229650
Configuration (options)	Not Specified
Temperature and Humidity	79 degF / 26 degC 28.47 %rH
Test End Date and Time:	8/31/2012 9:33

	Pre-set Item	Pre-set Value
Mode	Output Resolution	Default
	Output Quality	Default
	Copying Mode	Colour for Colour and B&W for B&W
	Auto Density Adjustment	Default
	Collating function	Set in Control Panel
Paper	Paper Sending Direction	Default
	Paper Type Setting	Default
Paper Path	Paper Feeding	Tray 2
	Paper Exit	Default
	Face Up Exit	Default (face down)
Temporary Stop	Fixing Capability	Default
	Image Quality Stability	Default
	Capacity of Paper	Default
	Others	None

Paper	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: A4		
	sFCOT	sESAT (ipm)
B&W	7.9	40.4

Notes
First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.

Detailed Report: A4						
	Target	sFCOT (secs)	sEFTP (ipm)			sESAT (ipm)
			1copy	1copy+30sec	1copy+4minutes	
B&W	A	7.67	7.81	35.09 28 sets	39.41 181 sets	40.40
	B	8.10	7.40	35.11 28 sets	39.41 181 sets	40.39
	C	7.81	7.68	35.10 28 sets	39.41 181 sets	40.41
	D	7.85	7.64	35.12 28 sets	39.41 181 sets	40.41
	Average	7.9	7.6	35.1	39.4	40.4

Notes
First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.

ISO/IEC 24735 Copy Productivity Report

Full Detailed Test Report - LETTER

Machine Setup Information	
Test Start Date and Time	9/4/2012 11:53
Tester	JB
Machine name/model	HP LaserJet Enterprise Flow MFP M525 & Managed Flow MFP M525cm
Colour or B&W	B&W
FW Version	2200893 229650
Configuration (options)	Not Specified
Temperature and Humidity	79 degF / 26 degC 25.51 %rH
Test End Date and Time:	9/5/2012 12:21
Pre-set Item	Pre-set Value
Output Resolution	Default
Output Quality	Default
Copying Mode	Default
Auto Density Adjustment	Default
Collating function	Activated (if not activated in default mode)
Paper Sending Direction	Default
Paper Type Setting	Default
Paper Feeding	Standard cassette
Paper Exit	Standard exit tray
Face Up Exit	Default
Fixing Capability	Default
Image Quality Stability	Default
Capacity of Paper	Default
Others	Default
Paper Manufacturer	HP / Xerox
Paper Weight	20lb / 75 g/m2
Paper Size	Letter / A4

ISO/IEC 24735 Copy Productivity Report						
Detailed Report: LETTER						
	Copying Mode	FSOT (secs)	EFTP (ipm)			ESAT (ipm)
		1 set only	1 set only	1 set + 30sec	1 set + 4min	1 set + 30sec
Color Mode	1:1		(1 set)			
	1:2		(1 set)			
	2:2		(1 set)			
B&W mode	1:1	12.49	19.21	37.02 9 sets	40.73 49 sets	42.42
	1:2	19.93	12.04	19.30 6 sets		21.82
	2:2	19.08	12.56	19.22 6 sets		21.78
Notes						
Reports located: http://www.hp.com/go/printerclaims						

ISO/IEC 24735 Copy Productivity Report

Full Detailed Test Report - A4

Machine Setup Information	
Test Start Date and Time	9/4/2012 11:53
Tester	JB
Machine name/model	HP LaserJet Enterprise Flow MFP M525 & Managed Flow MFP M525cm
Colour or B&W	B&W
FW Version	2200893_229650
Configuration (options)	Not Specified
Temperature and Humidity	79 degF / 26 degC 25.51 %rH
Test End Date and Time:	9/5/2012 12:21
Pre-set Item	Pre-set Value
Output Resolution	Default
Output Quality	Default
Copying Mode	Default
Auto Density Adjustment	Default
Collating function	Activated (if not activated in default mode)
Paper Sending Direction	Default
Paper Type Setting	Default
Paper Feeding	Standard cassette
Paper Exit	Standard exit tray
Face Up Exit	Default
Fixing Capability	Default
Image Quality Stability	Default
Capacity of Paper	Default
Others	Default
Paper Manufacturer	HP / Xerox
Paper Weight	20lb / 75 g/m2
Paper Size	Letter / A4

ISO/IEC 24735 Copy Productivity Report						
Detailed Report: A4						
	Copying Mode	FSOT (secs)	EFTP (ipm)			ESAT (ipm)
		1 set only	1 set only	1 set + 30sec	1 set + 4min	1 set + 30sec
Colour Mode	1:1		(1 set)			
	1:2		(1 set)			
	2:2		(1 set)			
B&W mode	1:1	12.72	18.86	30.25 8 sets	38.18 42 sets	40.39
	1:2	19.39	12.36	18.88 6 sets		21.20
	2:2	19.57	12.24	18.84 6 sets		21.24
Notes						
Reports located: http://www.hp.com/go/printerclaims						