

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP LaserJet Enterprise MFP M525 & LaserJet Managed MFP M525fm

Printing device and settings		
Test Start Date and Time	11/13/2012 15:44	
Tester	AH	
Machine name/model	HP LaserJet Enterprise MFP M525 & LaserJet Managed MFP M525fm	
Colour or B&W	B&W	
FW Version	2200643 228344	
Temperature and Humidity	78 degF / 26 degC 27.05 %rH	
Voltage	110V	
Test End Date and Time	11/14/2012 12:49	

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	Default
	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
	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	12.6	42.4
	Duplex	18.0	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	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	12.90	18.59 ( 1 set )	35.58 ( 7 sets )	41.15 ( 46 sets )	42.42
	Simplex - Word	12.74	18.83 ( 1 set )	35.99 ( 7 sets )		42.43
	Simplex - Excel	12.08	19.86 ( 1 set )	36.49 ( 7 sets )		42.43
	Simplex - Average	12.6	19.0	36.0	41.1	42.4
	Duplex - Adobe Reader	18.32	13.08 ( 1 set )	18.60 ( 4 sets )		21.82
	Duplex - Word	18.03	13.30 ( 1 set )	18.64 ( 4 sets )		21.80
	Duplex - Excel	17.40	13.78 ( 1 set )	19.02 ( 4 sets )		21.82
	Duplex - Average	18.0	13.3	18.7		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 MFP M525 & LaserJet Managed MFP M525fm

Printing device and settings		
Test Start Date and Time	11/13/2012 15:44	
Tester	AH	
Machine name/model	HP LaserJet Enterprise MFP M525 & LaserJet Managed MFP M525fm	
Colour or B&W	B&W	
FW Version	2200643 228344	
Temperature and Humidity	78 degF / 26 degC 27.05 %rH	
Voltage	110V	
Test End Date and Time	11/14/2012 12:49	

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	Default
	Setting N set count	Application
Paper Path	Collating function	Activated (application)
	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
	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	12.9	40.4
	Duplex	18.3	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 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: 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	13.23	18.14 ( 1 set )	34.17 ( 7 sets )	38.56 ( 44 sets )	40.40
	Simplex - Word	13.03	18.41 ( 1 set )	34.52 ( 7 sets )		40.41
	Simplex - Excel	12.37	19.39 ( 1 set )	34.92 ( 7 sets )		40.39
	Simplex - Average	12.9	18.6	34.5	38.5	40.4
	Duplex - Adobe Reader	18.64	12.86 ( 1 set )	18.06 ( 4 sets )		21.24
	Duplex - Word	18.35	13.06 ( 1 set )	18.40 ( 4 sets )		21.32
	Duplex - Excel	17.71	13.54 ( 1 set )	18.62 ( 4 sets )		21.28
	Duplex - Average	18.3	13.1	18.3		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 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 6360
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 29183 Copy Productivity Report

## Full Detailed Test Report - LETTER

HP LaserJet Enterprise MFP M525 & LaserJet Managed MFP M525fm

Machine Setup Information	
Test Start Date and Time	11/20/2012 13:20
Tester	AH
Machine name/model	HP LaserJet Enterprise MFP M525 & LaserJet Managed MFP M525fm
Colour or B&W	B&W
FW Version	2200643_228344
Configuration (options)	Not Specified
Temperature and Humidity	79 degF / 26 degC 24.34 %rH
Test End Date and Time:	11/20/2012 16:10

	Pre-set Item	Pre-set Value
<b>Mode</b>	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
<b>Paper</b>	Paper Sending Direction	Default
	Paper Type Setting	Default
<b>Paper Path</b>	Paper Feeding	Tray 2
	Paper Exit	Default
	Face Up Exit	Default (face down)
<b>Temporary Stop</b>	Fixing Capability	Default
	Image Quality Stability	Default
	Capacity of Paper	Default
	Others	None

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

Summary Report: <b>Letter</b>		
	sFCOT	sESAT (ipm)
<b>B&amp;W</b>	8.0	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: <b>LETTER</b>						
	Target	sFCOT (secs)	sEFTP (ipm)			sESAT (ipm)
			1copy	1copy+30sec	1copy+4minutes	
<b>B&amp;W</b>	A	7.78	7.70	36.02	41.41	42.44
				27 sets	188 sets	
	B	8.20	7.32	36.35	<del>41.41</del>	42.45
				27 sets	<del>188 sets</del>	
	C	7.76	7.72	36.30	<del>41.41</del>	42.42
				27 sets	<del>188 sets</del>	
	D	8.22	7.30	36.31	<del>41.41</del>	42.43
				27 sets	<del>188 sets</del>	
	Average	8.0	7.5	36.2	41.4	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 MFP M525 & LaserJet Managed MFP M525fm

Machine Setup Information		
Test Start Date and Time	11/20/2012 13:20	
Tester	AH	
Machine name/model	HP LaserJet Enterprise MFP M525 & LaserJet Managed MFP M525fm	
Colour or B&W	B&W	
FW Version	2200643_228344	
Configuration (options)	Not Specified	
Temperature and Humidity	79 degF / 26 degC 24.34 %rH	
Test End Date and Time:	11/20/2012 16:10	

	Pre-set Item	Pre-set Value
<b>Mode</b>	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
<b>Paper</b>	Paper Sending Direction	Default
	Paper Type Setting	Default
<b>Paper Path</b>	Paper Feeding	Tray 2
	Paper Exit	Default
	Face Up Exit	Default (face down)
<b>Temporary Stop</b>	Fixing Capability	Default
	Image Quality Stability	Default
	Capacity of Paper	Default
	Others	None

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

Summary Report: <b>A4</b>		
	sFCOT	sESAT (ipm)
<b>B&amp;W</b>	8.0	40.4
Notes First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration and document.		

Detailed Report: <b>A4</b>							
	Target	sFCOT (secs)	sEFTP (ipm)			sESAT (ipm)	
			1copy	1copy+30sec	1copy+4minutes		
<b>B&amp;W</b>	A	8.36	7.18	34.67	39.45	40.39	
				26 sets	180 sets		
	B	7.82	7.66	34.64	<del>39.45</del>	40.41	
				26 sets	<del>180 sets</del>		
	C	7.84	7.65	34.66	<del>39.45</del>	40.43	
				26 sets	<del>180 sets</del>		
	D	7.98	7.51	34.60	<del>39.45</del>	40.41	
				26 sets	<del>180 sets</del>		
	Average		8.0	7.5	34.6	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 <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> . 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	11/19/2012 13:33
Tester	AH
Machine name/model	HP LaserJet Enterprise MFP M525 & LaserJet Managed MFP M525fm
Colour or B&W	B&W
FW Version	2200643 228344
Configuration (options)	Not Specified
Temperature and Humidity	78 degF / 26 degC 22.88 %rH
Test End Date and Time:	11/20/2012 13:13
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

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	13.55	17.70	35.35 7 sets	40.13 47 sets	42.42
	1:2	19.39	12.36	18.30 4 sets		21.80
	2:2	22.19	10.80	17.34 4 sets		21.84
Notes						
Reports located: <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a>						

# ISO/IEC 24735 Copy Productivity Report

## Full Detailed Test Report - A4

Machine Setup Information	
Test Start Date and Time	11/19/2012 13:33
Tester	AH
Machine name/model	HP LaserJet Enterprise MFP M525 & LaserJet Managed MFP M525fm
Colour or B&W	B&W
FW Version	2200643_228344
Configuration (options)	Not Specified
Temperature and Humidity	78 degF / 26 degC 22.88 %rH
Test End Date and Time:	11/20/2012 13:13
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

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	13.80	17.38	33.64 7 sets	39.20 44 sets	40.38
	1:2	19.71	12.16	17.92 4 sets		21.26
	2:2	23.17	10.34	16.86 4 sets		21.24
Notes						
Reports located: <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a>						