

**ISO/IEC 24734 Printing Productivity Report: Office Category**

**Full Detailed Test Report - LETTER**

Color LaserJet Pro MFP M177fw

Printing device and settings	
Test Start Date and Time	1/29/2014 13:37
Tester	AH
Machine name/model	Color LaserJet Pro MFP M177fw
Colour or B&W	Colour
FW Version	20130823
Temperature and Humidity	75 degF / 24 degC, 19 %RH
Voltage	110V
Test End Date and Time	7/23/2014 10:27

Item	Value	
<b>Mode and Setting</b>	Driver Version	Fusion8.0_Release13192_930-373
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Black & White
	Duplex B&W Settings	Black & White
	Setting N set count	Application
	Collating function	Activated (application)
<b>Paper Path</b>	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)	No
<b>Paper</b>	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Colorlok / Xerox Business 4200

Summary Report: Letter			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
<b>Color</b>	Simplex	72.3	4.0
	Duplex	N/A	N/A
<b>B&amp;W</b>	Simplex	26.7	17.1
	Duplex	N/A	N/A

Notes  
Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

Detailed Report: LETTER						
	Office Category Test	FSOT (secs)	EFTP (ipm)			ESAT (ipm)
			1 set only (1 set)	1 set + 30sec (# of sets)	1 set + 4min (# of sets)	
<b>Color Mode</b>	Simplex - Adobe Reader	72.62	3.30 ( 1 set )	3.62 ( 2 sets )	3.51 ( 6 sets )	4.03
	Simplex - Word	71.78	3.34 ( 1 set )	3.64 ( 2 sets )		4.03
	Simplex - Excel	72.29	3.31 ( 1 set )	3.64 ( 2 sets )		4.03
	Simplex - Average	72.3	3.3	3.6	3.5	4.0
	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>B&amp;W mode</b> (optional for color device)	Simplex - Adobe Reader	26.94	8.90 ( 1 set )	13.70 ( 4 sets )	13.72 ( 20 sets )	17.11
	Simplex - Word	26.34	9.10 ( 1 set )	14.02 ( 4 sets )		17.09
	Simplex - Excel	26.65	9.00 ( 1 set )	13.96 ( 4 sets )		17.10
	Simplex - Average	26.7	9.0	13.8	13.7	17.1
	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

Notes  
Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

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 24734 Printing Productivity Report: Office Category**

**Full Detailed Test Report - A4**

Color LaserJet Pro MFP M177fw

Printing device and settings	
Test Start Date and Time	1/29/2014 13:37
Tester	AH
Machine name/model	Color LaserJet Pro MFP M177fw
Colour or B&W	Colour
FW Version	20130823
Temperature and Humidity	75 degF / 24 degC, 19 %RH
Voltage	110V
Test End Date and Time	7/23/2014 10:27

Item	Value	
Mode and Setting	Driver Version	Fusion8.0 Release13192_930-373
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Black & White
	Duplex B&W Settings	Black & White
	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)	No
Paper	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Colorlok / Xerox Business 4200

Summary Report: A4			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Colour	Simplex	72.7	4.0
	Duplex	N/A	N/A
B&W	Simplex	27.4	16.2
	Duplex	N/A	N/A

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Detailed Report: A4						
	Office Category Test	FSOT (secs)	EFTP (ipm)			ESAT (ipm)
			1 set only (1 set)	1 set + 30sec (1 set)	1 set + 30sec (# of sets)	
Colour Mode	Simplex - Adobe Reader	72.80	3.29 ( 1 set )	3.52 ( 2 sets )	3.13 ( 6 sets )	4.04
	Simplex - Word	72.24	3.32 ( 1 set )	3.54 ( 2 sets )		4.03
	Simplex - Excel	72.82	3.29 ( 1 set )	3.62 ( 2 sets )		4.03
	Simplex - Average	72.7	3.3	3.5	3.1	4.0
	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	27.72	8.65 ( 1 set )	13.11 ( 4 sets )	12.40 ( 19 sets )	16.22
	Simplex - Word	26.93	8.91 ( 1 set )	13.42 ( 4 sets )		16.22
	Simplex - Excel	27.54	8.71 ( 1 set )	13.36 ( 4 sets )		16.23
	Simplex - Average	27.4	8.7	13.2	12.4	16.2
	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

Notes  
Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

Test System Parameters	
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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 DH16aCASHR 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**

Color LaserJet Pro MFP M177fw

Machine Setup Information	
Test Start Date and Time	1/29/2014 13:37
Tester	AH
Machine name/model	Color LaserJet Pro MFP M177fw
Colour or B&W	Colour
Configuration (options)	Not Specified
Temperature and Humidity	75 degF / 24 degC, 19 %rH
Test End Date and Time	7/23/2014 10:27

	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 Colorlok / Xerox Business 4200

Summary Report: Letter		
	sFCOT	sESAT (ipm)
Color	27.9	4.0
B&W	14.8	16.2

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	
Color	A	27.79	2.15	3.29 4 sets	3.43 19 sets	4.04
	B	27.73	2.15	3.30 4 sets		4.04
	C	28.01	2.13	3.32 4 sets		4.03
	D	27.71	2.16	3.30 4 sets		4.03
	Average	27.9	2.1	3.3	3.4	4.0
	B&W	A	14.79	4.05	12.44 10 sets	13.04 72 sets
B		14.79	4.05	12.46 10 sets		16.23
C		14.74	4.07	12.48 10 sets		16.23
D		14.74	4.05	12.47 10 sets		16.20
Average		14.8	4.0	12.4	13.0	16.2

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

Color LaserJet Pro MFP M177fw

Machine Setup Information	
Test Start Date and Time	1/29/2014 13:37
Tester	AH
Machine name/model	Color LaserJet Pro MFP M177fw
Colour or B&W	Colour
Configuration (options)	Not Specified
Temperature and Humidity	75 degF / 24 degC, 19 %rH
Test End Date and Time	7/23/2014 10:27

	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/m <sup>2</sup>
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Colorlok / Xerox Business 4200

Summary Report: A4		
	sFCOT	sESAT (ipm)
Colour	29.6	4.0
B&W	15.2	16.2

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	
Colour	A	28.07	2.13	3.30 4 sets	3.23 19 sets	4.03
	B	33.26	1.87	3.30 4 sets		4.04
	C	28.28	2.12	3.29 4 sets		4.04
	D	28.42	2.10	3.29 4 sets		4.04
	Average	29.6	2.0	3.2	3.2	4.0
	B&W	A	14.97	4.00	12.43 10 sets	13.46 72 sets
B		15.22	3.93	12.39 10 sets		16.21
C		14.96	4.00	12.37 10 sets		16.22
D		15.53	3.86	12.43 10 sets		16.22
Average		15.2	3.9	12.4	13.4	16.2

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.