

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP Color LaserJet Enterprise Flow MFP M880 Series & Managed Flow M880 Series

Printing device and settings		
Test Start Date and Time	10/22/2013 10:29	
Tester	JB	
Machine name/model	HP Color LaserJet Enterprise Flow MFP M880 Series & Managed Flow M880 Series	
Colour or B&W	Colour	
FW Version	2301132_395570	
Temperature and Humidity	76 degF / 25 degC 20.41 %rH	
Voltage	110V	
Test End Date and Time	6/1/2016 17:32	

	Item	Value
Mode and Setting	Driver Version	Fusion9_0_Release13204_688-291
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	
	Duplex B&W Settings	
	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)	No
	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 Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	16.0	45.2
	Duplex	N/A	N/A
B&W	Simplex	16.4	45.2
	Duplex	N/A	N/A

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	16.19	14.81 (1 set)	35.42 (8 sets)	42.43 (50 sets)	45.21
	Simplex - Word	15.11	15.88 (1 set)	36.12 (8 sets)		45.21
	Simplex - Excel	16.52	14.52 (1 set)	36.98 (8 sets)		45.24
	Simplex - Average	16.0	15.0	36.1	42.4	45.2
	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
B&W mode (optional for color device)	Simplex - Adobe Reader	16.36	14.66 (1 set)	34.29 (8 sets)	42.59 (50 sets)	45.22
	Simplex - Word	16.23	14.77 (1 set)	35.93 (8 sets)		45.19
	Simplex - Excel	16.34	14.69 (1 set)	36.65 (8 sets)		45.23
	Simplex - Average	16.4	14.7	35.6	42.5	45.2
	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
 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	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

HP Color LaserJet Enterprise Flow MFP M880 Series & Managed Flow M880 Series

Printing device and settings	
Test Start Date and Time	10/22/2013 10:29
Tester	JB
Machine name/model	HP Color LaserJet Enterprise Flow MFP M880 Series & Managed Flow M880 Series
Colour or B&W	Colour
FW Version	2301132_395570
Temperature and Humidity	76 degF / 25 degC 20.41 %rH
Voltage	110V
Test End Date and Time	6/1/2016 17:32

Item	Value	
Mode and Setting	Driver Version	Fusion9_0_Release13204_688-291
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	
	Duplex B&W Settings	
	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
Paper	Output Orientation	Default (face down)
	Duplexing Unit (Yes/No)	No
	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 Color Device		FSOT (seconds)	ESAT (ipm)
Colour	Simplex	15.0	46.3
	Duplex	N/A	N/A
B&W	Simplex	16.3	46.3
	Duplex	N/A	N/A

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	15.14	15.84 (1 set)	36.00 (8 sets)	42.98 (51 sets)	46.32
	Simplex - Word	14.86	16.36 (1 set)	37.64 (8 sets)		46.30
	Simplex - Excel	15.05	15.95 (1 set)	36.87 (8 sets)		46.30
	Simplex - Average	15.0	16.0	36.8	42.9	46.3
	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 <small>(optional for color device)</small>	Simplex - Adobe Reader	15.95	15.04 (1 set)	35.00 (8 sets)	43.24 (51 sets)	46.31
	Simplex - Word	16.16	14.84 (1 set)	37.48 (8 sets)		46.31
	Simplex - Excel	16.55	14.49 (1 set)	37.18 (8 sets)		46.33
	Simplex - Average	16.3	14.7	36.5	43.2	46.3
	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
 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 Processor	HP Compaq Elite 8300 Small Form Factor 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	10/100
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 Color LaserJet Enterprise Flow MFP M880 Series & Managed Flow M880 Series

Machine Setup Information		
	Test Start Date and Time	11/7/2013 10:24
	Tester	JB
	Machine name/model	HP Color LaserJet Enterprise Flow MFP M880 Series & Managed Flow M880 Series
	Colour or B&W	Colour
	FW Version	2301132_395570
	Configuration (options)	Not Specified
	Temperature and Humidity	77 degF / 25 degC 27.42 %rH
	Test End Date and Time:	7/22/2014 17:17
Pre-set Item		
Mode	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
Paper Path	Paper Type Setting	Default
	Paper Feeding	Tray 2
	Paper Exit	Default
Temporary Stop	Face Up Exit	Default (face down)
	Fixing Capability	Default
	Image Quality Stability	Default
	Capacity of Paper	Default
	Others	None
Paper		
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)
Color	12.0	45.2
B&W	12.1	45.2

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	12.09	
25 sets	187 sets					
B	11.99	5.00		34.58		45.24
				26 sets		
C	11.82	5.07		33.33		45.23
				25 sets		
D	11.76	5.09	34.35		45.25	
			26 sets			
Average		12.0	5.0	34.0	42.6	45.2
B&W	A	12.03	4.98	34.01	42.66	45.24
				25 sets	188 sets	
	B	12.22	4.91	34.35		45.25
				26 sets		
	C	12.04	4.97	33.23		45.22
				26 sets		
D	11.96	5.01	34.43		45.23	
			26 sets			
Average		12.1	4.9	34.0	42.6	45.2

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

HP Color LaserJet Enterprise Flow MFP M880 Series & Managed Flow M880 Series

Machine Setup Information

Test Start Date and Time	11/7/2013 10:24
Tester	JB
Machine name/model	HP Color LaserJet Enterprise Flow MFP M880 Series & Managed Flow M880 Series
Colour or B&W	Colour
FW Version	2301132_395570
Configuration (options)	Not Specified
Temperature and Humidity	77 degF / 25 degC 27.42 %rH
Test End Date and Time:	7/22/2014 17:17

	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)
Colour	12.1	46.2
B&W	12.0	46.3

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	12.31	4.87	35.95	42.42	46.32
				29 sets	186 sets	
	B	12.02	4.99	35.29		46.22
				27 sets		
	C	11.94	5.02	35.35		46.31
				27 sets		
D	12.02	4.98	35.11		46.31	
			26 sets			
Average	12.1	4.9	35.4	42.4	46.2	
B&W	A	11.94	5.02	35.30	43.53	46.32
				28 sets	194 sets	
	B	12.01	4.99	34.97		46.32
				26 sets		
	C	11.92	5.03	35.05		46.30
				26 sets		
D	11.87	5.05	34.52		46.31	
			26 sets			
Average	12.0	5.0	34.9	43.5	46.3	

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.