

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

Color LaserJet Enterprise flow MFP M880

Printing device and settings	
Test Start Date and Time	10/17/2013 10:41
Tester	JB
Machine name/model	Color LaserJet Enterprise flow MFP M880
Colour or B&W	Colour
FW Version	2301132_395570
Temperature and Humidity	77 degF / 25 degC, 27 %RH
Voltage	110V
Test End Date and Time	7/22/2014 17:17

Item	Value	
Mode and Setting	Driver Version	Fusion9.0_Release13204_688-291
	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: Letter			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	16.0	45.2
	Duplex	22.2	43.2
B&W	Simplex	16.4	45.2
	Duplex	21.8	43.2

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 only (1 set)	1 set + 30sec (# of sets)	
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)	36.11 (8 sets)		45.21
	Simplex - Excel	16.52	14.52 (1 set)	36.97 (8 sets)		45.24
	Simplex - Average	16.0	15.0	36.1	42.4	45.2
	Duplex - Adobe Reader	22.21	10.80 (1 set)	28.92 (7 sets)		43.22
	Duplex - Word	22.10	10.84 (1 set)	29.68 (7 sets)		43.24
	Duplex - Excel	22.26	10.76 (1 set)	29.40 (7 sets)		43.22
	Duplex - Average	22.2	10.8	29.3		43.2
B&W mode <small>(optional for color device)</small>	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	22.90	10.46 (1 set)	28.10 (7 sets)		43.20
	Duplex - Word	21.24	11.28 (1 set)	29.78 (7 sets)		43.22
	Duplex - Excel	21.10	11.36 (1 set)	30.10 (7 sets)		43.20
	Duplex - Average	21.8	11.0	29.3		43.2

Notes
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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 Enterprise flow MFP M880

Printing device and settings	
Test Start Date and Time	10/17/2013 10:41
Tester	JB
Machine name/model	Color LaserJet Enterprise flow MFP M880
Colour or B&W	Colour
FW Version	2301132_395570
Temperature and Humidity	77 degF / 25 degC, 27 %rH
Voltage	110V
Test End Date and Time	7/22/2014 17:17

Item	Value	
Mode and Setting	Driver Version	Fusion9.0 Release13204_688-291
	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	15.0	46.3
	Duplex	22.2	43.9
B&W	Simplex	16.3	46.3
	Duplex	22.0	43.4

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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)	
Colour Mode	Simplex - Adobe Reader	15.14	15.84 (1 set)	36.00 (8 sets)	42.98 (51 sets)	46.32
	Simplex - Word	14.66	16.36 (1 set)	37.64 (8 sets)		46.30
	Simplex - Excel	15.05	15.95 (1 set)	36.86 (8 sets)		46.30
	Simplex - Average	15.0	16.0	36.8	42.9	46.3
	Duplex - Adobe Reader	22.23	10.78 (1 set)	29.30 (7 sets)		43.94
	Duplex - Word	22.12	10.84 (1 set)	30.06 (7 sets)		43.94
	Duplex - Excel	22.21	10.80 (1 set)	29.96 (7 sets)		43.94
	Duplex - Average	22.2	10.8	29.7		43.9
B&W mode (optional for color device)	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)	37.47 (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	22.80	10.52 (1 set)	28.48 (7 sets)		43.88
	Duplex - Word	21.60	11.10 (1 set)	29.88 (7 sets)		42.44
	Duplex - Excel	21.49	11.16 (1 set)	30.18 (7 sets)		43.94
	Duplex - Average	22.0	10.9	29.5		43.4

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
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Video Subsystem	AMD Radeon HD 6350
Optical Drive	HP DVD A DH16aC5HR 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 Enterprise flow MFP M880

Machine Setup Information	
Test Start Date and Time	10/17/2013 10:41
Tester	JB
Machine name/model	Color LaserJet Enterprise flow MFP M880
Colour or B&W	Colour
Configuration (options)	Not Specified
Temperature and Humidity	77 degF / 25 degC, 27 %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 Colorlok / Xerox Business 4200

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	4.96	33.97 25 sets	42.64 187 sets	45.25
	B	11.99	5.00	34.58 26 sets		45.24
	C	11.82	5.07	33.33 25 sets		45.23
	D	11.76	5.09	34.35 26 sets		45.25
	Average	12.0	5.0	34.0	42.6	45.2
	B&W	A	12.03	4.98	34.01 25 sets	42.66 188 sets
B		12.22	4.91	34.34 26 sets		45.25
C		12.04	4.97	33.22 26 sets		45.22
D		11.96	5.01	34.43 26 sets		45.23
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

Color LaserJet Enterprise flow MFP M880

Machine Setup Information	
Test Start Date and Time	10/17/2013 10:41
Tester	JB
Machine name/model	Color LaserJet Enterprise flow MFP M880
Colour or B&W	Colour
Configuration (options)	Not Specified
Temperature and Humidity	77 degF / 25 degC, 27 %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/m ²
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Colorlok / Xerox Business 4200

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 29 sets	42.42 186 sets	46.32
	B	12.02	4.99	35.29 27 sets		46.22
	C	11.94	5.01	35.35 27 sets		46.31
	D	12.02	4.98	35.11 26 sets		46.31
	Average	12.1	4.9	35.4	42.4	46.2
B&W	A	11.94	5.01	35.29 28 sets	43.53 194 sets	46.32
	B	12.01	4.99	34.97 26 sets		46.32
	C	11.92	5.01	35.04 26 sets		46.30
	D	11.87	5.05	34.52 26 sets		46.31
	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.