

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP Officejet Color MFP X585 & Managed MFP X585dnm

Printing device and settings	
Test Start Date and Time	4/10/2014 9:38
Tester	JB
Machine name/model	HP Officejet Color MFP X585 & Managed MFP X585dnm
Colour or B&W	Colour
FW Version	2302254 422307
Temperature and Humidity	72 degF / 22 degC 48.19 %rH
Voltage	110V
Test End Date and Time	7/17/2014 19:11

	Item	Value
Mode and Setting	Driver Version	61.155.1.16791
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Grayscale
	Duplex B&W Settings	Print in Grayscale
Paper Path	Setting N set count	Application
	Collating function	Activated (application)
	Paper Sending Direction	Default
	Paper Size Setting	Default
Paper	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: Letter			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	12.2	45.9
	Duplex	20.4	23.3
B&W	Simplex	12.2	46.0
	Duplex	19.7	23.3

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	12.66	18.94 (1 set)	37.01 (8 sets)	43.26 (55 sets)	46.02
	Simplex - Word	11.99	20.01 (1 set)	37.36 (8 sets)		45.92
	Simplex - Excel	11.86	20.22 (1 set)	37.03 (8 sets)		45.95
	Simplex - Average	12.2	19.7 (1 set)	37.1 (8 sets)	43.2 (55 sets)	45.9
	Duplex - Adobe Reader	20.93	11.44 (1 set)	19.14 (5 sets)		23.34
	Duplex - Word	20.07	11.94 (1 set)	19.32 (5 sets)		23.34
	Duplex - Excel	19.98	12.00 (1 set)	19.28 (5 sets)		23.36
	Duplex - Average	20.4	11.7 (1 set)	19.2 (5 sets)		23.3
B&W mode (optional for color device)	Simplex - Adobe Reader	12.21	19.65 (1 set)	36.83 (8 sets)	43.59 (54 sets)	46.00
	Simplex - Word	11.98	20.02 (1 set)	37.25 (8 sets)		46.05
	Simplex - Excel	12.35	19.42 (1 set)	37.39 (8 sets)		46.00
	Simplex - Average	12.2	19.6 (1 set)	37.1 (8 sets)	43.5 (54 sets)	46.0
	Duplex - Adobe Reader	20.93	11.46 (1 set)	19.08 (5 sets)		23.22
	Duplex - Word	19.03	12.60 (1 set)	19.36 (5 sets)		23.38
	Duplex - Excel	18.96	12.66 (1 set)	19.44 (5 sets)		23.34
	Duplex - Average	19.7	12.2 (1 set)	19.2 (5 sets)		23.3

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 Officejet Color MFP X585 & Managed MFP X585dnm

Printing device and settings	
Test Start Date and Time	4/10/2014 9:38
Tester	JB
Machine name/model	HP Officejet Color MFP X585 & Managed MFP X585dnm
Colour or B&W	Colour
FW Version	2302254_422307
Temperature and Humidity	72 degF / 22 degC 48.19 %rH
Voltage	110V
Test End Date and Time	7/17/2014 19:11

Item	Value	
Mode and Setting	Driver Version	61.155.1.16791
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Grayscale
	Duplex B&W Settings	Print in Grayscale
	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 / 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	12.6	43.8
	Duplex	21.4	22.7
B&W	Simplex	12.4	44.0
	Duplex	21.2	22.6

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".
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Detailed Report: A4

Office Category Test	FSOT (secs)	EFTP (ipm)			ESAT (ipm)	
		1 set only (1 set)	1 set + 30sec (# of sets)	1 set + 4min (# of sets)		
Colour Mode	Simplex - Adobe Reader	12.97	18.51 (1 set)	34.70 (8 sets)	40.48 (52 sets)	43.95
		19.38 (1 set)	35.28 (8 sets)			
	Simplex - Word	12.38	19.65 (1 set)	34.77 (8 sets)		43.96
		19.65 (1 set)	34.77 (8 sets)			
	Simplex - Excel	12.21	19.65 (1 set)	34.77 (8 sets)		43.71
		19.65 (1 set)	34.77 (8 sets)			
	Simplex - Average	12.6	19.1 (1 set)	34.9 (8 sets)	40.4 (52 sets)	43.8
		19.1 (1 set)	34.9 (8 sets)			
	Duplex - Adobe Reader	21.78	11.00 (1 set)	18.50 (5 sets)		22.78
11.00 (1 set)		18.50 (5 sets)				
Duplex - Word	21.07	11.38 (1 set)	17.98 (4 sets)		22.80	
	11.38 (1 set)	17.98 (4 sets)				
Duplex - Excel	21.21	11.30 (1 set)	18.84 (5 sets)		22.80	
	11.30 (1 set)	18.84 (5 sets)				
Duplex - Average	21.4	11.2 (1 set)	18.4 (5 sets)		22.7	
B&W mode (optional for color device)	Simplex - Adobe Reader	12.57	19.08 (1 set)	35.37 (8 sets)	41.62 (52 sets)	44.11
		19.08 (1 set)	35.37 (8 sets)			
	Simplex - Word	12.32	19.47 (1 set)	35.33 (8 sets)		44.05
		19.47 (1 set)	35.33 (8 sets)			
	Simplex - Excel	12.14	19.75 (1 set)	35.69 (8 sets)		44.11
		19.75 (1 set)	35.69 (8 sets)			
	Simplex - Average	12.4	19.4 (1 set)	35.4 (8 sets)	41.6 (52 sets)	44.0
		19.4 (1 set)	35.4 (8 sets)			
	Duplex - Adobe Reader	21.57	11.12 (1 set)	18.64 (5 sets)		22.62
11.12 (1 set)		18.64 (5 sets)				
Duplex - Word	21.03	11.40 (1 set)	18.88 (5 sets)		22.82	
	11.40 (1 set)	18.88 (5 sets)				
Duplex - Excel	20.80	11.54 (1 set)	18.68 (5 sets)		22.60	
	11.54 (1 set)	18.68 (5 sets)				
Duplex - Average	21.2	11.3 (1 set)	18.7 (5 sets)		22.6	

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".
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Test System Parameters

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Optical Drive	HP DVD A DH16aCSHR ATA
I/O Subsystem	Builtin
USB Subsystem	USB 2.0/3.0
TCP/IP	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 Officejet Color MFP X585 & Managed MFP X585dnm

Machine Setup Information		
	Test Start Date and Time	4/14/2014 16:04
	Tester	JB
	Machine name/model	HP Officejet Color MFP X585 & Managed MFP X585dnm
	Colour or B&W	Colour
	FW Version	2302254_422307
	Configuration (options)	Not Specified
	Temperature and Humidity	73 degF / 23 degC 47.17 %rH
	Test End Date and Time:	7/17/2014 17:43
Pre-set Item		
Mode	Pre-set Item	Pre-set Value
	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)
Color	9.6	45.7
B&W	9.4	45.9

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	9.41	6.36	38.20	43.80	45.65
				37 sets	288 sets	
	B	9.82	6.12	38.23		45.68
				37 sets		
	C	9.41	6.37	38.96		45.81
				38 sets		
D	9.44	6.35	38.31		45.78	
			36 sets			
Average	9.6	6.3	38.4	43.8	45.7	
B&W	A	9.34	6.42	38.59	44.43	45.95
				38 sets	290 sets	
	B	9.36	6.40	38.94		45.96
				37 sets		
	C	9.38	6.38	38.42		45.84
				37 sets		
D	9.44	6.34	38.35		45.92	
			38 sets			
Average	9.4	6.3	38.5	44.4	45.9	

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 Officejet Color MFP X585 & Managed MFP X585dnm

Machine Setup Information

Test Start Date and Time	4/14/2014 16:04
Tester	JB
Machine name/model	HP Officejet Color MFP X585 & Managed MFP X585dnm
Colour or B&W	Colour
FW Version	2302254_422307
Configuration (options)	Not Specified
Temperature and Humidity	73 degF / 23 degC 47.17 %rH
Test End Date and Time:	7/17/2014 17:43

	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	9.9	43.8
B&W	9.7	43.6

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	9.74	6.15	37.17	40.64	43.84
				36 sets	273 sets	
	B	10.05	5.97	36.75		43.82
				35 sets		
	C	9.78	6.12	36.86		43.89
				36 sets		
D	9.64	6.22	36.87		43.84	
			35 sets			
Average	9.9	6.1	36.9	40.6	43.8	
B&W	A	9.65	6.21	37.20	40.70	43.93
				36 sets	275 sets	
	B	9.70	6.18	37.27		43.92
				36 sets		
	C	9.68	6.19	36.45		42.88
				36 sets		
D	9.64	6.22	37.01		43.97	
			36 sets			
Average	9.7	6.2	36.9	40.7	43.6	

Notes
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