

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP Officejet Color Flow MFP X585 & Managed Flow MFP X585dnm

Printing device and settings	
Test Start Date and Time	4/29/2014 15:02
Tester	JB
Machine name/model	HP Officejet Color Flow MFP X585 & Managed Flow MFP X585dnm
Colour or B&W	Colour
FW Version	2302254 422307
Temperature and Humidity	73 degF / 23 degC 50.4 %RH
Voltage	110V
Test End Date and Time	7/14/2014 13:05

	Item	Value
Mode and Setting	Driver Version	61.155.1.16791
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Black and White
	Duplex B&W Settings	Black and White
	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: Letter			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	12.2	46.1
	Duplex	20.7	23.3
B&W	Simplex	12.3	45.8
	Duplex	20.8	23.2

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://w.w.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 + 30sec (1 set)	1 set + 4min (5 sets)		
Color Mode	Simplex - Adobe Reader	12.49	19.21 (1 set)	36.58 (8 sets)	42.64 (55 sets)	46.09
	Simplex - Word	11.95	20.07 (1 set)	36.79 (8 sets)		46.08
	Simplex - Excel	11.88	20.19 (1 set)	36.98 (8 sets)		46.13
	Simplex - Average	12.2	19.8 (1 set)	36.7 (8 sets)	42.6 (55 sets)	46.1
	Duplex - Adobe Reader	20.98	11.44 (1 set)	19.06 (5 sets)		23.32
	Duplex - Word	20.34	11.78 (1 set)	19.28 (5 sets)		23.28
	Duplex - Excel	20.57	11.66 (1 set)	19.36 (5 sets)		23.30
	Duplex - Average	20.7	11.6 (1 set)	19.2 (5 sets)		23.3
B&W mode (optional for color device)	Simplex - Adobe Reader	12.77	18.79 (1 set)	36.80 (8 sets)	43.77 (55 sets)	45.94
	Simplex - Word	12.02	19.97 (1 set)	37.12 (8 sets)		45.89
	Simplex - Excel	11.93	20.11 (1 set)	36.55 (8 sets)		45.85
	Simplex - Average	12.3	19.6 (1 set)	36.8 (8 sets)	43.7 (55 sets)	45.8
	Duplex - Adobe Reader	20.85	11.50 (1 set)	19.18 (5 sets)		23.26
	Duplex - Word	21.15	11.34 (1 set)	19.18 (5 sets)		23.28
	Duplex - Excel	20.37	11.76 (1 set)	19.30 (5 sets)		23.30
	Duplex - Average	20.8	11.5 (1 set)	19.2 (5 sets)		23.2

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://w.w.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 Officejet Color Flow MFP X585 & Managed Flow MFP X585dnm

Printing device and settings	
Test Start Date and Time	4/29/2014 15:02
Tester	JB
Machine name/model	HP Officejet Color Flow MFP X585 & Managed Flow MFP X585dnm
Colour or B&W	Colour
FW Version	2302254 422307
Temperature and Humidity	73 degF / 23 degC 50.4 %rH
Voltage	110V
Test End Date and Time	7/14/2014 13:05

Item	Value	
Mode and Setting	Driver Version	61.155.1.16791
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Black and White
	Duplex B&W Settings	Black and 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)	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: A4			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Colour	Simplex	12.7	44.1
	Duplex	21.4	22.8
B&W	Simplex	12.3	44.1
	Duplex	21.6	22.9

Notes

- All printing device and driver settings were default mode.
- For the B/W results, the print driver was set to "print in B/W".
- For more information see <http://www.hp.com/go/printerclaims>.
- 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 + 30sec (# of sets)	1 set + 4min (# of sets)		
Colour Mode	Simplex - Adobe Reader	13.36	17.98 (1 set)	34.30 (7 sets)	41.23 (49 sets)	43.69
	Simplex - Word	12.27	19.54 (1 set)	35.48 (8 sets)		43.66
	Simplex - Excel	12.38	19.38 (1 set)	35.45 (8 sets)		44.96
	Simplex - Average	12.7	18.9	35.0	41.2	44.1
	Duplex - Adobe Reader	21.75	11.02 (1 set)	17.78 (4 sets)		22.82
	Duplex - Word	21.23	11.28 (1 set)	18.86 (5 sets)		22.96
	Duplex - Excel	21.00	11.42 (1 set)	18.82 (5 sets)		22.82
	Duplex - Average	21.4	11.2	18.4		22.8
B&W mode (optional for color device)	Simplex - Adobe Reader	12.49	19.21 (1 set)	35.66 (8 sets)	40.37 (52 sets)	44.13
	Simplex - Word	12.20	19.66 (1 set)	35.30 (8 sets)		44.12
	Simplex - Excel	12.13	19.78 (1 set)	35.83 (8 sets)		44.14
	Simplex - Average	12.3	19.5	35.5	40.3	44.1
	Duplex - Adobe Reader	21.83	10.98 (1 set)	18.62 (5 sets)		22.92
	Duplex - Word	21.59	11.10 (1 set)	17.86 (4 sets)		22.82
	Duplex - Excel	21.10	11.36 (1 set)	18.08 (4 sets)		22.96
	Duplex - Average	21.6	11.1	18.1		22.9

Notes

- All printing device and driver settings were default mode.
- For the B/W results, the print driver was set to "print in B/W".
- For more information see <http://www.hp.com/go/printerclaims>.
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Test System Parameters	
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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 29183 Copy Productivity Report

Full Detailed Test Report - LETTER

HP Officejet Color Flow MFP X585 & Managed Flow MFP X585dnm

Machine Setup Information	
Test Start Date and Time	5/1/2014 10:22
Tester	JB
Machine name/model	HP Officejet Color Flow MFP X585 & Managed Flow MFP X585dnm
Colour or B&W	Colour
FW Version	2302254_422307
Configuration (options)	Not Specified
Temperature and Humidity	72 degF / 22 degC 50.81 %rH
Test End Date and Time:	7/15/2014 14:39

	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: Letter		
	sFCOT	sESAT (ipm)
Color	9.8	45.4
B&W	9.5	45.4

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.
 Only Target A was used, all test documents have the same Saturated throughput. Reference ISO/IEC29183:2010 Clause 5, Sections 5.3.1 and 5.3.2

Detailed Report: LETTER						
	Target	sFCOT (secs)	sEFTP (ipm)			sESAT (ipm)
			1copy	1copy+30sec	1copy+4minutes	
Color	A	9.86	6.08	38.48 37 sets	43.00 286 sets	45.43
	B	10.16	5.91	38.04 38 sets		45.76
	C	9.55	6.28	38.61 38 sets		45.50
	D	9.55	6.28	34.32 37 sets		44.16
	Average	9.8	6.1	38.5	43.0	45.4
B&W	A	9.46	6.33	38.18 38 sets	43.34 289 sets	45.95
	B	9.47	6.33	38.71 37 sets		45.73
	C	9.49	6.31	38.10 38 sets		44.69
	D	9.45	6.35	37.63 38 sets		45.05
	Average	9.5	6.3	38.2	43.3	45.4

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. Reference ISO/IEC29183:2010 Clause 5, Sections 5.3.1 and 5.3.2

ISO/IEC 29183 Copy Productivity Report

Full Detailed Test Report - A4

HP Officejet Color Flow MFP X585 & Managed Flow MFP X585dnm

Machine Setup Information	
Test Start Date and Time	5/1/2014 10:22
Tester	JB
Machine name/model	HP Officejet Color Flow MFP X585 & Managed Flow MFP X585dnm
Colour or B&W	Colour
FW Version	2302254_422307
Configuration (options)	Not Specified
Temperature and Humidity	72 degF / 22 degC 50.81 %rH
Test End Date and Time:	7/15/2014 14:39

	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	9.8	43.5
B&W	9.7	43.9

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.
 Only Target A was used, all test documents have the same Saturated throughput. Reference ISO/IEC29183:2010 Clause 5, Sections 5.3.1 and 5.3.2

Detailed Report: A4						
	Target	sFCOT (secs)	sEFTP (ipm)			sESAT (ipm)
			1copy	1copy+30sec	1copy+4minutes	
Colour	A	10.00	5.99	37.06 36 sets	40.40 274 sets	43.65
	B	9.94	6.04	36.47 36 sets		43.82
	C	9.79	6.12	34.95 36 sets		42.69
	D	9.59	6.25	36.90 36 sets		43.84
	Average	9.8	6.1	37.1	40.4	43.5
B&W	A	9.86	6.08	37.23 36 sets	41.16 278 sets	43.92
	B	9.92	6.04	36.43 36 sets		43.96
	C	9.60	6.25	36.93 36 sets		44.00
	D	9.50	6.30	36.75 35 sets		44.03
	Average	9.7	6.1	37.2	41.2	43.9

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. Reference ISO/IEC29183:2010 Clause 5, Sections 5.3.1 and 5.3.2