

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

**Full Detailed Test Report - LETTER**

HP Officejet Color FlowMFP X585

Printing device and settings	
Test Start Date and Time	4/29/2014 9:54
Tester	JB
Machine name/model	HP Officejet Color FlowMFP X585
Colour or B&W	Colour
FW Version	2302254_422307
Temperature and Humidity	72 degF / 22 degC, 51 %RH
Voltage	110V
Test End Date and Time	7/15/2014 14:39

Item	Value	
<b>Mode and Setting</b>	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)
<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)	Yes
<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	12.1	46.1
	Duplex	20.6	23.3
<b>B&amp;W</b>	Simplex	12.2	45.8
	Duplex	20.7	23.2

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)	1 set + 4min (# of sets)	1 set + 30sec
<b>Color Mode</b>	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	20.18 ( 1 set )	36.97 ( 8 sets )		46.13
	Simplex - Average	12.1	19.8	36.7	42.6	46.1
	Duplex - Adobe Reader	20.97	11.44 ( 1 set )	19.05 ( 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	20.6	11.6	19.2		23.3
	Duplex - Adobe Reader	12.77	18.79 ( 1 set )	36.79 ( 8 sets )	43.77 ( 55 sets )	45.94
	Duplex - Word	12.02	19.97 ( 1 set )	37.11 ( 8 sets )		45.89
<b>B&amp;W mode</b> (optional for color device)	Simplex - Excel	11.93	20.11 ( 1 set )	36.54 ( 8 sets )		45.85
	Simplex - Average	12.2	19.6	36.8	43.7	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 )		23.28
	Duplex - Average	20.7	11.5	19.2		23.2

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**

HP Officejet Color FlowMFP X585

**Printing device and settings**

Test Start Date and Time	4/29/2014 9:54
Tester	JB
Machine name/model	HP Officejet Color FlowMFP X585
Colour or B&W	Colour
FW Version	2302254_422307
Temperature and Humidity	72 degF / 22 degC, 51 %rH
Voltage	110V
Test End Date and Time	7/15/2014 14:39

Item	Value	
<b>Mode and Setting</b>	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)	
<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)	Yes
<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: A4**

Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
<b>Colour</b>	Simplex	12.6	44.1
	Duplex	21.3	22.8
<b>B&amp;W</b>	Simplex	12.2	44.1
	Duplex	21.5	22.9

Notes  
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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)	
<b>Colour Mode</b>	Simplex - Adobe Reader	13.36	17.98 ( 1 set )	34.29 ( 7 sets )	41.23 ( 49 sets )	43.69
	Simplex - Word	12.27	19.54 ( 1 set )	35.47 ( 8 sets )		43.66
	Simplex - Excel	12.38	19.38 ( 1 set )	35.45 ( 8 sets )		44.96
	Simplex - Average	12.6	18.9	35.0	41.2	44.1
	Duplex - Adobe Reader	21.74	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	21.3	11.2	18.4		22.8
<b>B&amp;W mode</b> (optional for color device)	Simplex - Adobe Reader	12.49	19.21 ( 1 set )	35.65 ( 8 sets )	40.36 ( 52 sets )	44.13
	Simplex - Word	12.20	19.66 ( 1 set )	35.29 ( 8 sets )		44.12
	Simplex - Excel	12.13	19.78 ( 1 set )	35.83 ( 8 sets )		44.14
	Simplex - Average	12.2	19.5	35.5	40.3	44.1
	Duplex - Adobe Reader	21.83	10.98 ( 1 set )	18.60 ( 5 sets )		22.92
	Duplex - Word	21.58	11.10 ( 1 set )	17.86 ( 4 sets )		22.82
	Duplex - Excel	21.10	11.36 ( 1 set )	18.05 ( 4 sets )		22.96
	Duplex - Average	21.5	11.1	18.1		22.9

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 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**

HP Officejet Color FlowMFP X585

Machine Setup Information	
Test Start Date and Time	4/29/2014 9:54
Tester	AH
Machine name/model	HP Officejet Color FlowMFP X585
Colour or B&W	Colour
Configuration (options)	Not Specified
Temperature and Humidity	72 degF / 22 degC, 51 %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 Colorlok / Xerox Business 4200

Summary Report: Letter		
	sFCOT	sESAT (ipm)
Color	9.7	45.2
B&W	9.4	45.3

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: LETTER						
	Target	sFCOT (secs)	sEFTP (ipm)			sESAT (ipm)
			1copy	1copy+30sec	1copy+4minutes	
Color	A	9.86	6.08	38.47 37 sets	43.00 286 sets	45.43
	B	10.16	5.91	38.04 38 sets		45.76
	C	9.54	6.27	38.61 38 sets		45.50
	D	9.54	6.27	34.31 37 sets		44.16
	Average	9.7	6.1	37.3	43.0	45.2
	B&W	A	9.46	6.33	38.18 38 sets	43.34 289 sets
B		9.47	6.33	38.71 37 sets		45.73
C		9.49	6.31	38.09 38 sets		44.69
D		9.44	6.35	37.63 38 sets		45.05
Average		9.4	6.3	38.1	43.3	45.3

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.

**ISO/IEC 29183 Copy Productivity Report**

Full Detailed Test Report - A4

HP Officejet Color FlowMFP X585

Machine Setup Information	
Test Start Date and Time	4/29/2014 9:54
Tester	AH
Machine name/model	HP Officejet Color FlowMFP X585
Colour or B&W	Colour
Configuration (options)	Not Specified
Temperature and Humidity	72 degF / 22 degC, 51 %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/m <sup>2</sup>
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Colorlok / Xerox Business 4200

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.

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	9.78	6.12	34.95 36 sets		42.69
	D	9.59	6.25	36.90 36 sets		43.84
	Average	9.8	6.1	36.3	40.4	43.5
	B&W	A	9.86	6.08	37.22 36 sets	41.16 278 sets
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	36.8	41.1	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.