

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

COLOR MFP S962DN

Printing device and settings	
Test Start Date and Time	3/11/2014 14:25
Tester	JB
Machine name/model	COLOR MFP S962DN
Colour or B&W	Colour
FW Version	H1.02.S1
Temperature and Humidity	73 degF / 23 degC, 48 %RH
Voltage	220V
Test End Date and Time	3/18/2014 13:29

Item	Value	
Mode and Setting	Driver Version	HP UPD 17508
	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 Colorlok / Xerox Business 4200

Summary Report: Letter			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	16	62
	Duplex	21	66
B&W	Simplex	14	62
	Duplex	N/A	66

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 + 30sec
			1 set only (1 set)	1 set + 30sec (# of sets)		
Color Mode	Simplex - Adobe Reader	15.80	15.19 (1 set)	46.75 (10 sets)	58.74 (67 sets)	62.09
	Simplex - Word	16.32	14.70 (1 set)	47.26 (10 sets)		62.03
	Simplex - Excel	14.88	16.12 (1 set)	47.50 (10 sets)		62.04
	Simplex - Average	16	15	47	58	62
	Duplex - Adobe Reader	20.42	11.74 (1 set)	47.20 (12 sets)		66.56
	Duplex - Word	21.04	11.40 (1 set)	46.02 (12 sets)		66.52
	Duplex - Excel	18.77	12.76 (1 set)	44.18 (13 sets)		66.23
	Duplex - Average	21	11	45		66
B&W mode (optional for color device)	Simplex - Adobe Reader	13.27	18.07 (1 set)	49.48 (10 sets)	59.70 (66 sets)	62.06
	Simplex - Word	13.20	18.18 (1 set)	49.37 (10 sets)		62.07
	Simplex - Excel	12.83	18.70 (1 set)	49.98 (10 sets)		62.04
	Simplex - Average	14	18	49	59	62
	Duplex - Adobe Reader	N/A	N/A	49.14 (13 sets)		66.22
	Duplex - Word	N/A	N/A	49.78 (13 sets)		66.23
	Duplex - Excel	N/A	N/A	50.56 (13 sets)		66.28
	Duplex - Average	N/A	N/A	49		66

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 MFP S962DN

Printing device and settings	
Test Start Date and Time	3/11/2014 14:25
Tester	JB
Machine name/model	COLOR MFP S962DN
Colour or B&W	Colour
FW Version	H1.02.S1
Temperature and Humidity	73 degF / 23 degC, 48 %rH
Voltage	220V
Test End Date and Time	3/18/2014 13:29

Item	Value	
Mode and Setting	Driver Version	HP UPD 17508
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	PRINT IN GRAYSCALE
	Duplex B&W Settings	PRINT IN GRAYSCALE
	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 Colorlok / Xerox Business 4200

Summary Report: A4			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Colour	Simplex	16	62
	Duplex	N/A	66
B&W	Simplex	14	62
	Duplex	18	66

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: A4						
	Office Category Test	FSOT (secs)	EFTP (ipm)			ESAT (ipm)
			1 set only (1 set)	1 set + 30sec (1 set)	1 set + 30sec (# of sets)	
Colour Mode	Simplex - Adobe Reader	15.68	15.33 (1 set)	46.58 (10 sets)	58.49 (67 sets)	62.11
	Simplex - Word	15.86	15.17 (1 set)	47.13 (10 sets)		62.10
	Simplex - Excel	14.67	16.34 (1 set)	47.45 (10 sets)		62.10
	Simplex - Average	16	15	47	58	62
	Duplex - Adobe Reader	N/A	N/A	47.98 (13 sets)		66.08
	Duplex - Word	N/A	N/A	48.02 (13 sets)		66.08
	Duplex - Excel	N/A	N/A	48.12 (13 sets)		66.08
	Duplex - Average	N/A	N/A	48		66
B&W mode (optional for color device)	Simplex - Adobe Reader	13.30	18.04 (1 set)	48.85 (10 sets)	59.70 (67 sets)	62.11
	Simplex - Word	13.41	17.89 (1 set)	47.40 (10 sets)		62.08
	Simplex - Excel	12.92	18.55 (1 set)	49.92 (10 sets)		62.11
	Simplex - Average	14	18	48	59	62
	Duplex - Adobe Reader	17.88	13.42 (1 set)	47.90 (12 sets)		66.59
	Duplex - Word	16.97	14.12 (1 set)	49.78 (13 sets)		66.22
	Duplex - Excel	17.04	14.08 (1 set)	50.34 (13 sets)		66.26
	Duplex - Average	18	13	49		66

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
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 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

COLOR MFP S962DN

Machine Setup Information	
Test Start Date and Time	3/11/2014 14:25
Tester	JB
Machine name/model	COLOR MFP S962DN
Colour or B&W	Colour
Configuration (options)	Not Specified
Temperature and Humidity	73 degF / 23 degC, 48 %rH
Test End Date and Time	3/18/2014 13:29

	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	6	62
B&W	4	62

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	5.74	10.45	53.33 35 sets	60.81 270 sets	62.11
	B	5.77	10.38	53.33 35 sets		62.14
	C	5.59	10.73	53.05 34 sets		62.11
	D	5.80	10.33	53.54 36 sets		62.14
	Average	6	10	53	60	62
	B&W	A	3.82	15.67	55.99 35 sets	61.31 268 sets
B		3.79	15.81	56.62 35 sets		62.06
C		3.71	16.14	56.67 35 sets		62.10
D		3.79	15.82	56.81 35 sets		62.13
Average		4	15	56	61	62

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 MFP S962DN

Machine Setup Information	
Test Start Date and Time	3/11/2014 14:25
Tester	JB
Machine name/model	COLOR MFP S962DN
Colour or B&W	Colour
Configuration (options)	Not Specified
Temperature and Humidity	73 degF / 23 degC, 48 %rH
Test End Date and Time	3/18/2014 13:29

	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	6	62
B&W	4	62

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	5.47	10.97	53.11	60.97	62.10
				34 sets	263 sets	
	B	5.39	11.15	53.11		62.09
				34 sets		
	C	5.15	11.65	54.58		62.15
				35 sets		
D	5.75	10.43	54.18		62.11	
			35 sets			
Average	6	11	53	60	62	
B&W	A	3.65	16.39	56.71	61.33	62.21
				34 sets	263 sets	
	B	3.71	16.14	56.75		62.10
				35 sets		
	C	3.72	16.12	56.95		62.11
				36 sets		
D	3.71	16.14	56.82		62.12	
			35 sets			
Average	4	16	56	61	62	

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.