

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
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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	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
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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.