

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP Color LaserJet MFP E77422DN

Printing device and settings		
Test Start Date and Time	5/3/2019 11:58	
Tester	RM	
Machine name/model	HP Color LaserJet MFP E77422DN	
Colour or B&W	Colour	
FW Version	2407346_045696	
Temperature and Humidity	73 degF / 23 degC 20.0 %rH	
Voltage	110V	
Test End Date and Time	5/22/2019 16:24	

Item	Value
Mode and Setting	Driver Version 6.6.5.23510
	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 Ultra White / HP Office

Summary Report: Letter			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	19.78	22.13
	Duplex	30.28	17.78
B&W	Simplex	17.12	22.13
	Duplex	26.81	17.77

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	20.39	11.77 (1 set)	18.16 (4 sets)	21.24 (24 sets)	22.14
	Simplex - Word	19.39	12.38 (1 set)	18.39 (4 sets)		22.14
	Simplex - Excel	19.54	12.28 (1 set)	18.41 (4 sets)		22.13
	Simplex - Average	19.78	12.14	18.32	21.24	22.13
	Duplex - Adobe Reader	31.15	7.70 (1 set)	13.28 (4 sets)		17.78
	Duplex - Word	30.28	7.92 (1 set)	13.50 (4 sets)		17.78
	Duplex - Excel	29.39	8.14 (1 set)	13.54 (4 sets)		17.78
	Duplex - Average	30.28	7.92	13.44		17.78
B&W mode (optional for color device)	Simplex - Adobe Reader	17.51	13.71 (1 set)	19.20 (4 sets)	21.58 (24 sets)	22.14
	Simplex - Word	16.87	14.22 (1 set)	19.44 (4 sets)		22.14
	Simplex - Excel	16.98	14.13 (1 set)	19.37 (4 sets)		22.13
	Simplex - Average	17.12	14.02	19.33	21.6	22.13
	Duplex - Adobe Reader	27.20	8.80 (1 set)	13.98 (4 sets)		17.78
	Duplex - Word	26.73	8.96 (1 set)	14.28 (4 sets)		17.78
	Duplex - Excel	26.48	9.04 (1 set)	14.20 (4 sets)		17.76
	Duplex - Average	26.81	8.93	14.15		17.77

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 Color LaserJet MFP E77422DN

Printing device and settings		
Test Start Date and Time	5/3/2019 11:58	
Tester	RM	
Machine name/model	HP Color LaserJet MFP E77422DN	
Colour or B&W	Colour	
FW Version	2407346_045696	
Temperature and Humidity	73 degF / 23 degC 20.0 %rH	
Voltage	110V	
Test End Date and Time	5/22/2019 16:24	

Item	Value
Mode and Setting	Driver Version 6.6.5.23510
	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 Ultra White / HP Office

Summary Report: A4

Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Colour	Simplex	19.61	22.14
	Duplex	30.19	17.85
B&W	Simplex	17.07	22.13
	Duplex	27.00	17.84

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.w.hp.com/go/printerclaims>.
- 4) 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 only (1 set)	1 set + 30sec (# of sets)	1 set + 4min (# of sets)	1 set + 30sec	
Colour Mode	Simplex - Adobe Reader	19.97	12.01 (1 set)	18.15 (4 sets)	21.34 (24 sets)		22.14
	Simplex - Word	19.40	12.37 (1 set)	18.48 (4 sets)			22.14
	Simplex - Excel	19.45	12.33 (1 set)	18.45 (4 sets)			22.14
	Simplex - Average	19.61	12.23	18.36	21.34		22.14
	Duplex - Adobe Reader	31.16	7.68 (1 set)	13.36 (4 sets)			17.86
	Duplex - Word	29.91	8.02 (1 set)	13.58 (4 sets)			17.86
	Duplex - Excel	29.48	8.12 (1 set)	13.56 (4 sets)			17.84
	Duplex - Average	30.2	7.94	13.50			17.85
B&W mode (optional for color device)	Simplex - Adobe Reader	17.32	13.85 (1 set)	19.23 (4 sets)	21.52 (24 sets)		22.13
	Simplex - Word	16.85	14.24 (1 set)	19.44 (4 sets)			22.14
	Simplex - Excel	17.03	14.10 (1 set)	19.34 (4 sets)			22.14
	Simplex - Average	17.1	14.06	19.33	21.5		22.13
	Duplex - Adobe Reader	27.50	8.72 (1 set)	14.00 (4 sets)			17.84
	Duplex - Word	27.09	8.84 (1 set)	14.20 (4 sets)			17.84
	Duplex - Excel	26.41	9.08 (1 set)	14.14 (4 sets)			17.86
	Duplex - Average	27.0	8.88	14.11			17.84

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.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	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 - Tabloid

HP Color LaserJet MFP E77422DN

Printing device and settings		
Test Start Date and Time	5/3/2019 11:58	
Tester	RM	
Machine name/model	HP Color LaserJet MFP E77422DN	
Colour or B&W	Colour	
FW Version	2407346_045696	
Temperature and Humidity	73 degF / 23 degC 20.0 %rH	
Voltage	110V	
Test End Date and Time	5/22/2019 16:24	

Item	Value
Mode and Setting	Driver Version 6.6.5.23510
	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 Ultra White / HP Office

Summary Report: Tabloid

Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	19.78	12.57
	Duplex	30.28	8.91
B&W	Simplex	26.67	12.57
	Duplex	36.53	8.99

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: Tabloid

	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	29.50	8.13 (1 set)	10.58 (3 sets)	12.07 (14 sets)		12.57
	Simplex - Word	28.51	8.41 (1 set)	10.78 (3 sets)			12.57
	Simplex - Excel	28.16	8.51 (1 set)	10.82 (3 sets)			12.57
	Simplex - Average	28.73	8.35	10.72	12.07		12.57
	Duplex - Adobe Reader	41.24	5.80 (1 set)	7.48 (3 sets)			8.90
	Duplex - Word	39.79	6.02 (1 set)	7.70 (3 sets)			8.92
	Duplex - Excel	38.80	6.16 (1 set)	7.68 (3 sets)			8.92
	Duplex - Average	39.95	5.99	7.62			8.91
B&W mode (optional for color device)	Simplex - Adobe Reader	27.44	8.74 (1 set)	10.96 (3 sets)	12.17 (14 sets)		12.57
	Simplex - Word	26.25	9.14 (1 set)	11.16 (3 sets)			12.57
	Simplex - Excel	26.32	9.11 (1 set)	11.07 (3 sets)			12.57
	Simplex - Average	26.67	8.99	11.06	12.17		12.57
	Duplex - Adobe Reader	37.66	6.36 (1 set)	7.78 (3 sets)			9.02
	Duplex - Word	35.52	6.74 (1 set)	8.02 (3 sets)			8.98
	Duplex - Excel	36.41	6.58 (1 set)	8.02 (3 sets)			8.98
	Duplex - Average	36.53	6.56	7.94			8.99

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 - A3

HP Color LaserJet MFP E77422DN

Printing device and settings		
Test Start Date and Time	5/3/2019 11:58	
Tester	RM	
Machine name/model	HP Color LaserJet MFP E77422DN	
Colour or B&W	Colour	
FW Version	2407346_045696	
Temperature and Humidity	73 degF / 23 degC 20.0 %rH	
Voltage	110V	
Test End Date and Time	5/22/2019 16:24	

Item	Value
Mode and Setting	Driver Version 6.6.5.23510
	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 Ultra White / HP Office

Summary Report: A3

Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	19.78	12.57
	Duplex	30.28	8.98
B&W	Simplex	26.79	12.56
	Duplex	36.46	9.02

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: A3

	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	29.33	8.17 (1 set)	10.59 (3 sets)	12.07 (14 sets)		12.59
	Simplex - Word	28.34	8.46 (1 set)	10.72 (3 sets)			12.57
	Simplex - Excel	28.54	8.41 (1 set)	10.82 (3 sets)			12.57
	Simplex - Average	28.74	8.34	10.71	12.07		12.57
	Duplex - Adobe Reader	41.66	5.74 (1 set)	7.56 (3 sets)			8.98
	Duplex - Word	39.78	6.02 (1 set)	7.70 (3 sets)			8.98
	Duplex - Excel	38.65	6.20 (1 set)	7.74 (3 sets)			8.98
	Duplex - Average	40.03	5.98	7.66			8.98
B&W mode (optional for color device)	Simplex - Adobe Reader	27.50	8.72 (1 set)	10.91 (3 sets)	12.15 (14 sets)		12.56
	Simplex - Word	26.65	9.00 (1 set)	11.17 (3 sets)			12.57
	Simplex - Excel	26.22	9.15 (1 set)	11.14 (3 sets)			12.57
	Simplex - Average	26.79	8.95	11.07	12.15		12.56
	Duplex - Adobe Reader	37.90	6.32 (1 set)	7.84 (3 sets)			9.02
	Duplex - Word	36.02	6.84 (1 set)	8.10 (3 sets)			9.02
	Duplex - Excel	35.45	6.76 (1 set)	8.06 (3 sets)			9.02
	Duplex - Average	36.46	6.57	8.00			9.02

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 10/100
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 24734 Printing Productivity Report: Office Category

Feature Performance Full Report - Office Feature Performance Test

HP Color LaserJet MFP E77422DN

Printing device and settings		
	Test Start Date and Time	5/3/2019 11:58
	Tester	RM
	Machine name/model	HP Color LaserJet MFP E77422DN
	Colour or B&W	Colour
	FW Version	2407346_045696
	Temperature and Humidity	73 degF / 23 degC 20.0 %rH
	Voltage	110V
	Test End Date and Time	5/22/2019 16:24

	Item	Value
Mode and Setting	Driver Version	6.6.5.23510
	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 Ultra White / HP Office

ISO Print Productivity Report: Feature Performance Test Summary

Printing Modes (Feature Adobe Reader - Office test file)		Feature Performance Ratio	
		FSOT (base) FSOT (feature)	ESAT (feature) ESAT (base)
A5, Landscape Feed, Simplex, Colour	Simplex		
A5, Portrait Feed, Simplex, Colour	Simplex	102%	100%
Legal, Simplex, Colour	Simplex	73%	64%
Legal, Duplex, Colour	Duplex	53%	44%
A4, 1200 dpi, Simplex, Colour	Simplex		
Letter, 1200 dpi, Simplex, Colour	Simplex		
A4, General Office, Simplex, Colour	Simplex		
Letter, General Office, Simplex, Colour	Simplex		
A5, Landscape Feed, Simplex, B/W	Simplex		
A5, Portrait Feed, Simplex, B/W	Simplex	102%	100%
Legal, Simplex, B/W	Simplex	71%	64%
Legal, Duplex, B/W	Duplex	50%	44%
A4, 1200 dpi, Simplex, B/W	Simplex		
Letter, 1200 dpi, Simplex, B/W	Simplex		
A4, General Office, Simplex, B/W	Simplex		
Letter, General Office, Simplex, B/W	Simplex		

Notes

- 1) All printing device and driver settings were default mode.
- 2) Test conducted with 8-paper Office Feature Performance file.
- 3) For more information see <http://www.hp.com/go/printerclaims>.
- 4) Port monitor not configured to follow device if the IP address changes.

Feature Performance Full Report - Feature Printing Mode: 'Office' Feature Performance Test

Printing Modes Feature Adobe Reader - Office test file (8-page)	Base Printing Mode		Feature Performance			
	FSOT Base	ESAT Base	1 set FSOT (secs)	1 set + 30 sec ESAT (ipm)	FSOT (base) FSOT (feature)	ESAT (feature) ESAT (base)
A5, Landscape Feed, Simplex, Colour	31.42	22.14				
A5, Portrait Feed, Simplex, Colour	31.42	22.14	30.84	22.1	102%	100%
Legal, Simplex, Colour	31.71	22.14	43.85	14.2	73%	64%
Legal, Duplex, Colour	31.71	22.14	60.55	9.9	53%	44%
A4, 1200 dpi, Simplex, Colour	31.42	22.14				
Letter, 1200 dpi, Simplex, Colour	31.71	22.14				
A4, General Office, Simplex, Colour	31.42	22.14				
Letter, General Office, Simplex, Colour	31.71	22.14				
A5, Landscape Feed, Simplex, B/W	28.62	22.14				
A5, Portrait Feed, Simplex, B/W	28.62	22.14	28.28	22.1	102%	100%
Legal, Simplex, B/W	28.51	22.14	40.41	14.2	71%	64%
Legal, Duplex, B/W	28.51	22.14	57.08	10.0	50%	44%
A4, 1200 dpi, Simplex, B/W	28.62	22.14				
Letter, 1200 dpi, Simplex, B/W	28.51	22.14				
A4, General Office, Simplex, B/W	28.62	22.14				
Letter, General Office, Simplex, B/W	28.51	22.14				

Notes

- 1) All printing device and driver settings were default mode.
- 2) Test conducted with 8-paper Office Feature Performance file.
- 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
Test System	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
I/O	TCP/IP	TCP/IP 10/1000
Software	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 17629 First Print Out Time Report: Office Category

Full Detailed Test Report - LETTER

HP Color LaserJet MFP E77422DN

Printing device and settings	
Test Start Date and Time	5/3/2019 11:58
Tester	RM
Machine name/model	HP Color LaserJet MFP E77422DN
Colour or B&W	Colour
FW Version	2407346_045696
Configuration (options)	Default
Controller	N/A
Printing device page count	Not Specified
Printing supplies page count	Not Specified
Temperature and Humidity	73 degF / 23 degC, 20.0 %rH
Voltage	110V
Test End Date and Time	5/22/2019 16:24

Item	Value
PDL and driver version	6.6.5.23510
Print Quality mode	default
B&W settings	default
Paper feed orientation	Short Edge
Paper type setting	default
Paper feeding	Standard cassette
Paper exit	Standard exit tray
Paper Path	Output orientation
	default (face up or face down)

ISO First Page Out Time Summary Report: Office Category

Summary Report: LETTER	
FPOT from Ready (seconds)	
Color	Simplex
	11.65
B&W	Duplex
	9.01

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.
- 5) Page counts were collected after completion of the tests.

ISO First Page Out Time Report: Office Category

Detailed Report: LETTER		Word (seconds)	Excel (seconds)	Adobe Reader (seconds)	Average (seconds)	Delay Time
Color Mode	FPOT from Ready - Simplex	11.30	11.71	11.93	11.65	20 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			35.93		76 Minutes
	Recovery Time			24.0		
	FPOT from Off - Simplex			159.72		
	Warm-up Time			147.79		
B&W Mode	FPOT from Ready - Simplex	8.75	8.90	9.37	9.01	20 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			32.42		76 Minutes
	Recovery Time			23.0		
	FPOT from Off - Simplex			159.63		
	Warm-up Time			150.26		

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.
- 5) Page counts were collected after completion of the tests.
- 6) Details for FPOT from Sleep are shown below.

HP Data Table		FPOT Avg (secs)	FPOT (secs) Iteration 1	FPOT (secs) Iteration 2	FPOT (secs) Iteration 3	Application	Delay Time
Color Mode	FPOT from Sleep	35.93	36.51	35.35	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	22.79	22.71	22.87	N/A	Adobe Reader	15 Minutes
	FPOT from Sleep	32.42	32.35	32.48	N/A	Adobe Reader	76 Minutes
B&W Mode	FPOT from Sleep (15 minutes) HP/Non ISO Test	21.94	21.75	22.12	N/A	Adobe Reader	15 Minutes

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) DLP includes detailed iterations as data measurements may vary run to run.

Test System Parameters	
Item	Value
Test System	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
Printing Device Connection	Hard Drive Subsystem
	Standard disk drive (Seagate)
	Video Subsystem
	AMD Radeon HD 6350
Software	Optical Drive
	HP DVD A DH16aCSHR ATA
	I/O Subsystem
	Built-in
Printing Device Connection	USB Subsystem
	USB 2.0/3.0
	TCP/IP
	10/1000
Software	Operating System
	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1
	Printing Applications
	Microsoft Office 2010 SP2
Software	Adobe Reader 10.1.4
	Print Driver
	6.6.5.23510

ISO/IEC 17629 First Print Out Time Report: Office Category

Full Detailed Test Report - A4

HP Color LaserJet MFP E77422DN

Printing device and settings		
Test Start Date and Time	5/3/2019 11:58	
Tester	RM	
Machine name/model	HP Color LaserJet MFP E77422DN	
Colour or B&W	Colour	
FW Version	2407346_045696	
Configuration (options)	Default	
Controller	N/A	
Printing device page count	Not Specified	
Printing supplies page count	Not Specified	
Temperature and Humidity	73 degF / 23 degC, 20.0 %rH	
Voltage	110V	
Test End Date and Time	5/22/2019 16:24	

Item		Value
Mode and Setting	PDL and driver version	6.6.5.23510
	Print Quality mode	default
	B&W settings	default
	Paper feed orientation	Short Edge
Paper	Paper type setting	default
	Paper feeding	Standard cassette
	Paper exit	Standard exit tray
Paper Path	Output orientation	default (face up or face down)

ISO First Page Out Time Summary Report: Office Category

Summary Report: A4

FPOT from Ready (seconds)		
Colour	Simplex	11.50
	Duplex	
B&W	Simplex	8.91
	Duplex	

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.
- 5) Page counts were collected after completion of the tests.

ISO First Page Out Time Report: Office Category

Detailed Report: A4

		Word (seconds)	Excel (seconds)	Adobe Reader (seconds)	Average (seconds)	Delay Time
Color Mode	FPOT from Ready - Simplex	11.29	11.36	11.83	11.50	20 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			34.21		76 Minutes
	Recovery Time			22.4		
	FPOT from Off - Simplex			156.94		
	Warm-up Time			145.11		
B&W Mode	FPOT from Ready - Simplex	8.73	8.83	9.17	8.91	20 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			32.33		76 Minutes
	Recovery Time			23.2		
	FPOT from Off - Simplex			155.59		
	Warm-up Time			146.42		

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.
- 5) Page counts were collected after completion of the tests.
- 6) Details for FPOT from Sleep are shown below.

HP Data Table

Detailed Report: A4

		FPOT Avg (secs)	FPOT (secs) Iteration 1	FPOT (secs) Iteration 2	FPOT (secs) Iteration 3	Application	Delay Time
Color Mode	FPOT from Sleep	34.21	34.30	34.12	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	21.78	21.52	22.03	N/A	Adobe Reader	15 Minutes
	FPOT from Sleep	32.33	32.59	32.06	N/A	Adobe Reader	76 Minutes
B&W Mode	FPOT from Sleep (15 minutes) HP/Non ISO Test	20.41	21.40	19.41	N/A	Adobe Reader	15 Minutes

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) DLP includes detailed iterations as data measurements may vary run to run.

Test System Parameters		
Item		Value
Test System	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
Printing Device Connection	TCP/IP	10/1000
Software	Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1
	Printing Applications	Microsoft Office 2010 SP2
	Print Driver	Adobe Reader 10.1.4

ISO/IEC 29183 Copy Productivity Report

Full Detailed Test Report - LETTER

HP Color LaserJet MFP E77422DN

Machine Setup Information

Test Start Date and Time	5/14/2019 10:49
Tester	RM
Machine name/model	HP Color LaserJet MFP E77422DN
Colour or B&W	Colour
FW Version	2407346_045696
Configuration (options)	Not Specified
Temperature and Humidity	73 degF / 23 degC 20.0 %rH
Test End Date and Time:	5/17/2019 7:05

	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	9.60	22.14
B&W	8.57	22.14

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	9.60	6.24	17.51 13 sets	21.38 90 sets	22.14
	B					
	C					
	D					
	Average	9.60	6.24	17.51	21.38	22.14
B&W	A	8.57	6.99	18.30 13 sets	21.55 90 sets	22.14
	B					
	C					
	D					
	Average	8.57	6.99	18.30	21.55	22.14

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

ISO/IEC 29183 Copy Productivity Report

Full Detailed Test Report - A4

HP Color LaserJet MFP E77422DN

Machine Setup Information

Test Start Date and Time	5/14/2019 10:49
Tester	RM
Machine name/model	HP Color LaserJet MFP E77422DN
Colour or B&W	Colour
FW Version	2407346_045696
Configuration (options)	Not Specified
Temperature and Humidity	73 degF / 23 degC 20.0 %rH
Test End Date and Time:	5/17/2019 7:05

	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	9.62	22.14
B&W	8.38	22.13

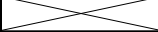

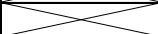
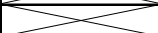
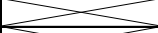
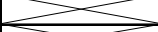

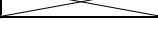
Notes
First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.
Only Target A was used, all test documents have the same Saturated 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	9.62	6.23	17.69 13 sets	21.37 90 sets	22.14
	B					
	C					
	D					
	Average	9.62	6.23	17.69	21.37	22.14
B&W	A	8.38	7.17	18.43 13 sets	21.53 90 sets	22.13
	B					
	C					
	D					
	Average	8.38	7.17	18.43	21.53	22.13




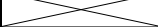
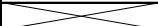
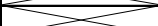
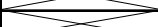

Notes
First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.
Only Target A was used, all test documents have the same Saturated throughput. Reference ISO/IEC29183:2010 Clause 5, Sections 5.3.1 and 5.3.2

Full Detailed Test Report - LETTER

ISO/IEC 24735 Copy Productivity Report						
Detailed Report: LETTER						
	Copying Mode	FSOT (secs)	EFTP (ipm)			ESAT (ipm)
		1 set only	1 set only	1 set + 30sec	1 set + 4min	1 set + 30sec
Color Mode	1:1	19.70	12.18	18.43	21.23	22.14
			(1 set)	4 sets	24 sets	
	1:2	32.75	7.32	12.54		17.78
			(1 set)	4 sets		
	2:2	40.63	5.90	11.82		17.80
			(1 set)	4 sets		
B&W mode	1:1	18.25	13.15	18.78	21.51	22.14
				4 sets	24 sets	
	1:2	32.23	7.44	13.22		17.78
				4 sets		
	2:2	39.88	6.00	11.92		17.78
				4 sets		

Notes
Reports located: <http://www.hp.com/go/printerclaims>

Full Detailed Test Report - A4

ISO/IEC 24735 Copy Productivity Report						
Detailed Report: A4						
	Copying Mode	FSOT (secs)	EFTP (ipm)			ESAT (ipm)
		1 set only	1 set only	1 set + 30sec	1 set + 4min	1 set + 30sec
Colour Mode	1:1	19.35	12.40	18.29	20.69	22.13
			(1 set)	4 sets	24 sets	
	1:2	32.60	7.34	13.12		17.84
			(1 set)	4 sets		
	2:2	40.28	5.94	11.90		17.84
			(1 set)	4 sets		
B&W mode	1:1	18.63	12.88	18.96	21.53	22.14
				4 sets	24 sets	
	1:2	31.32	7.64	13.36		17.84
				4 sets		
	2:2	39.11	6.12	11.88		17.84
				4 sets		

Notes

Reports located: <http://www.hp.com/go/printerclaims>

ISO/IEC 17991 Scanning Productivity Report

Full Detailed Test Report - LETTER

Machine Setup Information		
Test Start Date and Time	5/15/2019 13:25	
Tester	RM	
Machine name/model	HP Color LaserJet MFP E77422DN	
Colour or B&W	Colour	
Configuration (options)	Default	
Temperature and Humidity	73 degF / 23 degC 20.0 %rH	
Voltage	110V	
Test End Date and Time	5/15/2019 17:03	

Mode and Setting	Preset Item	Preset Value
	Scanning resolution	default (200 dpi)
	Colour or grey scale/B&W	default (colour)
	Duplex / simplex	default (simplex)
	Original page size	default (A4)
	Paper feed orientation	default (long edge)
	Scan destination	default (shared network)
	Storing File Type	default (PDF-multi)
	Auto scan quality adjustment	default (factory preset default setting)
	Paper feed direction	default (long edge)
ADF Paper-path	Output orientation	default
	Scanning unit	default (duplex ADF)

ISO/IEC 17991 - Scan Summary Report: ADF Productivity Measurement

Summary Report: Letter

	Scanning Mode			Measurement result
	File format version	Resolution	Scanning side	scESAT 30secA (ipm)
Colour	PDF 1.4	200	single sided	46.23
			double sided	19.43
B&W	PDF 1.4	200	single sided	46.08
			double sided	19.41

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
- 2) For the B/W results, the device scan setting is set to "Scan in B/W".

ISO/IEC 17991 - Scan Summary Report: Network Folder Productivity Measurement

Summary Report: Letter

	Scanning Mode			Measurement result		
	File format version	Resolution	Scanning side	scEFTP 30secF (ipm)	File size 30secF (Mbyte)	Number of Sets (30secF)
Colour	PDF 1.4	200	single sided	36.52	2.84	7.00
			double sided	16.84	1.90	4.00
B&W	PDF 1.4	200	single sided	38.18	1.26	7.00
			double sided	17.29	0.72	4.00

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
- 2) For the B/W results, the device scan setting is set to "Scan in B/W".

ISO/IEC 17991 - Scan Full Report: ADF Productivity Measurement

Summary Report: Letter

	Scanning Mode			Measurement result		
	File format version	Resolution	Scanning side	scEFTP 1setA (ipm)	scEFTP 30secA (ipm)	scESAT 30secA (ipm)
Colour	PDF 1.4	200	single sided	32.96	43.26	46.23
			double sided	16.52	18.5	19.43
B&W	PDF 1.4	200	single sided	32.82	43.33	46.08
			double sided	16.04	18.59	19.41

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
- 2) For the B/W results, the device scan setting is set to "Scan in B/W".

ISO/IEC 17991 - Scan Full Report: Network Folder Productivity Measurement

Summary Report: Letter

	Scanning Mode			Measurement result			
	File format version	Resolution	Scanning side	scEFTP 1setF (ipm)	scEFTP 30secF (ipm)	File size 30secF (Mbyte)	Number of Sets (30secF)
Colour	PDF 1.4	200	single sided	22.90	36.52	2.84	7
			double sided	13.71	16.84	1.90	4
B&W	PDF 1.4	200	single sided	22.90	38.18	1.26	7
			double sided	13.71	17.29	0.72	4

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
- 2) For the B/W results, the device scan setting is set to "Scan in B/W".

Test System Parameters		
	Item	Value
System	Computer name	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
Scanning Device Connection	Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1
	Location of network folder	PC
	Internet Protocol	IPv4
	Transfer Protocol	SMB
	Hub	Trendnet Router and Gbit Switch
	Network Speed	TCP 10/1000 Mbit Ethernet
	Connction Cable	Cat6 Straight cable
	Wireless router	No use
	Others	No use

ISO/IEC 17991 Scanning Productivity Report

Full Detailed Test Report - A4

Machine Setup Information		
Test Start Date and Time	3/15/2019 13:25	
Tester	RM	
Machine name/model	HP Color LaserJet MFP E77422DN	
Colour or B&W	Colour	
Configuration (options)	Default	
Temperature and Humidity	73 degF / 23 degC 20.0 %rH	
Voltage	110V	
Test End Date and Time	5/15/2019 17:03	

Mode and Setting	Preset Item	Preset Value
	Scanning resolution	default (200 dpi)
	Colour or grey scale/B&W	default (colour)
	Duplex / simplex	default (simplex)
	Original page size	default (A4)
	Paper feed orientation	default (long edge)
	Scan destination	default (shared network)
	Storing File Type	default (PDF-multi)
	Auto scan quality adjustment	default (factory preset default setting)
	Paper feed direction	default (long edge)
ADF Paper-path	Output orientation	default
	Scanning unit	default (duplex ADF)

ISO/IEC 17991 - Scan Summary Report: ADF Productivity Measurement

Summary Report: A4

	Scanning Mode			Measurement result
	File format version	Resolution	Scanning side	scESAT 30secA (ipm)
Colour	PDF 1.4	200	single sided	46.53
			double sided	19.68
B&W	PDF 1.4	200	single sided	46.54
			double sided	19.67

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
- 2) For the B/W results, the device scan setting is set to "Scan in B/W".

ISO/IEC 17991 - Scan Summary Report: Network Folder Productivity Measurement

Summary Report: A4

	Scanning Mode			Measurement result		
	File format version	Resolution	Scanning side	scEFTP 30secF (ipm)	File size 30secF (Mbyte)	Number of Sets (30secF)
Colour	PDF 1.4	200	single sided	36.52	2.87	7.00
			double sided	16.99	1.76	4.00
B&W	PDF 1.4	200	single sided	38.62	1.26	7.00
			double sided	17.29	0.74	4.00

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
- 2) For the B/W results, the device scan setting is set to "Scan in B/W".

ISO/IEC 17991 - Scan Full Report: ADF Productivity Measurement

Summary Report: A4

	Scanning Mode			Measurement result		
	File format version	Resolution	Scanning side	scEFTP 1setA (ipm)	scEFTP 30secA (ipm)	scESAT 30secA (ipm)
Colour	PDF 1.4	200	single sided	32.67	43.49	46.53
			double sided	16.46	18.73	19.68
B&W	PDF 1.4	200	single sided	32.28	43.55	46.54
			double sided	16.51	18.65	19.67

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
- 2) For the B/W results, the device scan setting is set to "Scan in B/W".

ISO/IEC 17991 - Scan Full Report: Network Folder Productivity Measurement

Summary Report: A4

	Scanning Mode			Measurement result			
	File format version	Resolution	Scanning side	scEFTP 1setF (ipm)	scEFTP 30secF (ipm)	File size 30secF (Mbyte)	Number of Sets (30secF)
Colour	PDF 1.4	200	single sided	20.90	36.52	2.87	7
			double sided	13.32	16.99	1.76	4
B&W	PDF 1.4	200	single sided	22.90	38.62	1.26	7
			double sided	13.71	17.29	0.74	4

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
- 2) For the B/W results, the device scan setting is set to "Scan in B/W".

Test System Parameters		
	Item	Value
System	Computer name	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
Scanning Device Connection	Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1
	Location of network folder	PC
	Internet Protocol	IPv4
	Transfer Protocol	SMB
	Hub	Trendnet Router and Gbit Switch
	Network Speed	TCP 10/1000 Mbit Ethernet
	Connction Cable	Cat6 Straight cable
	Wireless router	No use
	Others	No use

ISO/IEC 17991 Scanning Productivity Report

Full Detailed Test Report - Tabloid

Machine Setup Information		
Test Start Date and Time	3/15/2019 13:25	
Tester	RM	
Machine name/model	HP Color LaserJet MFP E77422DN	
Colour or B&W	Colour	
Configuration (options)	Default	
Temperature and Humidity	73 degF / 23 degC 20.0 %rH	
Voltage	110V	
Test End Date and Time	5/15/2019 17:03	

Mode and Setting	Preset Item	Preset Value
	Scanning resolution	default (200 dpi)
	Colour or grey scale/B&W	default (colour)
	Duplex / simplex	default (simplex)
	Original page size	default (A4)
	Paper feed orientation	default (long edge)
	Scan destination	default (shared network)
	Storing File Type	default (PDF-multi)
	Auto scan quality adjustment	default (factory preset default setting)
	Paper feed direction	default (long edge)
ADF Paper-path	Output orientation	default
	Scanning unit	default (duplex ADF)

ISO/IEC 17991 - Scan Summary Report: ADF Productivity Measurement

Summary Report: Tabloid

	Scanning Mode			Measurement result
	File format version	Resolution	Scanning side	scESAT 30secA (ipm)
Colour	PDF 1.4	200	single sided	27.22
			double sided	13.57
B&W	PDF 1.4	200	single sided	27.34
			double sided	13.58

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
- 2) For the B/W results, the device scan setting is set to "Scan in B/W".

ISO/IEC 17991 - Scan Summary Report: Network Folder Productivity Measurement

Summary Report: Tabloid

	Scanning Mode			Measurement result		
	File format version	Resolution	Scanning side	scEFTP 30secF (ipm)	File size 30secF (Mbyte)	Number of Sets (30secF)
Colour	PDF 1.4	200	single sided	21.23	3.70	5.00
			double sided	11.42	3.06	3.00
B&W	PDF 1.4	200	single sided	23.52	1.64	5.00
			double sided	12.10	1.04	3.00

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
- 2) For the B/W results, the device scan setting is set to "Scan in B/W".

ISO/IEC 17991 - Scan Full Report: ADF Productivity Measurement

Summary Report: Tabloid

	Scanning Mode			Measurement result		
	File format version	Resolution	Scanning side	scEFTP 1setA (ipm)	scEFTP 30secA (ipm)	scESAT 30secA (ipm)
Colour	PDF 1.4	200	single sided	21.70	25.72	27.22
			double sided	11.97	12.99	13.57
B&W	PDF 1.4	200	single sided	21.79	26.02	27.34
			double sided	11.96	12.91	13.58

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
- 2) For the B/W results, the device scan setting is set to "Scan in B/W".

ISO/IEC 17991 - Scan Full Report: Network Folder Productivity Measurement

Summary Report: Tabloid

	Scanning Mode			Measurement result			
	File format version	Resolution	Scanning side	scEFTP 1setF (ipm)	scEFTP 30secF (ipm)	File size 30secF (Mbyte)	Number of Sets (30secF)
Colour	PDF 1.4	200	single sided	14.16	21.23	3.70	5
			double sided	10.00	11.42	3.06	3
B&W	PDF 1.4	200	single sided	17.14	23.52	1.64	5
			double sided	10.00	12.10	1.04	3

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
- 2) For the B/W results, the device scan setting is set to "Scan in B/W".

Test System Parameters		
	Item	Value
System	Computer name	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
Scanning Device Connection	Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1
	Location of network folder	PC
	Internet Protocol	IPv4
	Transfer Protocol	SMB
	Hub	Trendnet Router and Gbit Switch
	Network Speed	TCP 10/1000 Mbit Ethernet
	Connction Cable	Cat6 Straight cable
	Wireless router	No use
	Others	No use

ISO/IEC 17991 Scanning Productivity Report

Full Detailed Test Report - A3

Machine Setup Information		
Test Start Date and Time	3/15/2019 13:25	
Tester	RM	
Machine name/model	HP Color LaserJet MFP E77422DN	
Colour or B&W	Colour	
Configuration (options)	Default	
Temperature and Humidity	73 degF / 23 degC 20.0 %rH	
Voltage	110V	
Test End Date and Time	5/15/2019 17:03	

Mode and Setting	Preset Item	Preset Value
	Scanning resolution	default (200 dpi)
	Colour or grey scale/B&W	default (colour)
	Duplex / simplex	default (simplex)
	Original page size	default (A4)
	Paper feed orientation	default (long edge)
	Scan destination	default (shared network)
	Storing File Type	default (PDF-multi)
	Auto scan quality adjustment	default (factory preset default setting)
	Paper feed direction	default (long edge)
ADF Paper-path	Output orientation	default
	Scanning unit	default (duplex ADF)

ISO/IEC 17991 - Scan Summary Report: ADF Productivity Measurement

Summary Report: A3

	Scanning Mode			Measurement result
	File format version	Resolution	Scanning side	scESAT 30secA (ipm)
Colour	PDF 1.4	200	single sided	27.93
			double sided	13.80
B&W	PDF 1.4	200	single sided	27.95
			double sided	13.84

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
- 2) For the B/W results, the device scan setting is set to "Scan in B/W".

ISO/IEC 17991 - Scan Summary Report: Network Folder Productivity Measurement

Summary Report: A3

	Scanning Mode			Measurement result		
	File format version	Resolution	Scanning side	scEFTP 30secF (ipm)	File size 30secF (Mbyte)	Number of Sets (30secF)
Colour	PDF 1.4	200	single sided	21.61	3.74	5.00
			double sided	11.61	2.56	3.00
B&W	PDF 1.4	200	single sided	24.00	1.65	5.00
			double sided	12.20	1.00	3.00

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
- 2) For the B/W results, the device scan setting is set to "Scan in B/W".

ISO/IEC 17991 - Scan Full Report: ADF Productivity Measurement

Summary Report: A3

	Scanning Mode			Measurement result		
	File format version	Resolution	Scanning side	scEFTP 1setA (ipm)	scEFTP 30secA (ipm)	scESAT 30secA (ipm)
Colour	PDF 1.4	200	single sided	22.13	26.08	27.93
			double sided	12.27	13.11	13.8
B&W	PDF 1.4	200	single sided	21.41	26.61	27.95
			double sided	12.03	13.11	13.84

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
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ISO/IEC 17991 - Scan Full Report: Network Folder Productivity Measurement

Summary Report: A3

	Scanning Mode			Measurement result			
	File format version	Resolution	Scanning side	scEFTP 1setF (ipm)	scEFTP 30secF (ipm)	File size 30secF (Mbyte)	Number of Sets (30secF)
Colour	PDF 1.4	200	single sided	15.00	21.61	3.74	5
			double sided	10.21	11.61	2.56	3
B&W	PDF 1.4	200	single sided	16.57	24.00	1.65	5
			double sided	9.80	12.20	1.00	3

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
- 2) For the B/W results, the device scan setting is set to "Scan in B/W".

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	I/O Subsystem	Builtin
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	Connction Cable	Cat6 Straight cable
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