

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP LaserJet Managed MFP E82540DU

Printing device and settings	
Test Start Date and Time	8/6/2019 8:53
Tester	NP
Machine name/model	HP LaserJet Managed MFP E82540DU
Colour or B&W	B&W
FW Version	2407346_045695
Temperature and Humidity	77 degF / 25 degC 29.7 %rH
Voltage	110V
Test End Date and Time	8/22/2019 9:47

Item	Value	
Mode and Setting	Driver Version	6.7.0.23989
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Greyscale
	Duplex B&W Settings	Print in Greyscale
	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 B&W Device		FSOT (seconds)	ESAT (ipm)
B&W	Simplex	11.63	40.26
	Duplex	18.59	40.38

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)
Color Mode	Simplex - Adobe Reader		(1 set)			
	Simplex - Word		(1 set)			
	Simplex - Excel		(1 set)			
	Simplex - Average					
	Duplex - Adobe Reader	N/A	N/A	N/A		N/A
	Duplex - Word	N/A	N/A	N/A		N/A
	Duplex - Excel	N/A	N/A	N/A		N/A
	Duplex - Average	N/A	N/A	N/A		N/A
B&W mode (optional for color device)	Simplex - Adobe Reader	11.95	20.09 (1 set)	35.08 (7 sets)	38.65 (42 sets)	40.25
	Simplex - Word	11.44	20.97 (1 set)	35.65 (7 sets)		40.26
	Simplex - Excel	11.48	20.90 (1 set)	35.41 (7 sets)		40.27
	Simplex - Average	11.63	20.65	35.38	38.7	40.26
	Duplex - Adobe Reader	19.05	12.60 (1 set)	30.38 (7 sets)		40.40
	Duplex - Word	18.37	13.06 (1 set)	31.02 (7 sets)		40.38
	Duplex - Excel	18.35	13.06 (1 set)	30.62 (7 sets)		40.38
	Duplex - Average	18.59	12.90	30.67		40.38

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	10.10.10.0
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 LaserJet Managed MFP E82540DU

Printing device and settings	
Test Start Date and Time	8/6/2019 8:53
Tester	NP
Machine name/model	HP LaserJet Managed MFP E82540DU
Colour or B&W	B&W
FW Version	2407346_045695
Temperature and Humidity	77 degF / 25 degC 29.7 %rH
Voltage	110V
Test End Date and Time	8/22/2019 9:47

Item	Value	
Mode and Setting	Driver Version	6.7.0.23989
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Greyscale
	Duplex B&W Settings	Print in Greyscale
	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: A4			
Office Category Test for B&W Device		FSOT (seconds)	ESAT (ipm)
B&W	Simplex	11.64	40.26
	Duplex	18.52	40.40

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: A4						
Office Category Test	Office Category	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		(1 set)			
	Simplex - Word		(1 set)			
	Simplex - Excel		(1 set)			
	Simplex - Average					
	Duplex - Adobe Reader	N/A	N/A	N/A		N/A
	Duplex - Word	N/A	N/A	N/A		N/A
	Duplex - Excel	N/A	N/A	N/A		N/A
	Duplex - Average	N/A	N/A	N/A		N/A
B&W mode (optional for color device)	Simplex - Adobe Reader	11.92	20.14 (1 set)	35.05 (7 sets)	38.64 (42 sets)	40.26
	Simplex - Word	11.36	21.12 (1 set)	35.49 (7 sets)		40.26
	Simplex - Excel	11.64	20.62 (1 set)	35.56 (7 sets)		40.28
	Simplex - Average	11.6	20.62 (1 set)	35.36 (7 sets)	38.6	40.26
	Duplex - Adobe Reader	19.00	12.62 (1 set)	29.98 (7 sets)		40.40
	Duplex - Word	18.21	13.16 (1 set)	30.74 (7 sets)		40.40
	Duplex - Excel	18.33	13.08 (1 set)	30.56 (7 sets)		40.40
	Duplex - Average	18.5	12.95 (1 set)	30.42 (7 sets)		40.40

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	10.11.0.0
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 LaserJet Managed MFP E82540DU

Printing device and settings		
Test Start Date and Time	8/6/2019 8:53	
Tester	NP	
Machine name/model	HP LaserJet Managed MFP E82540DU	
Colour or B&W	B&W	
FW Version	2407346_045695	
Temperature and Humidity	77 degF / 25 degC 29.7 %rH	
Voltage	110V	
Test End Date and Time	8/22/2019 9:47	

Item	Value	
Mode and Setting	Driver Version	6.7.0.23989
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Greyscale
	Duplex B&W Settings	Print in Greyscale
	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)
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: Tabloid

Office Category Test for B&W Device			
		FSOT (seconds)	ESAT (ipm)
B&W	Simplex	18.00	21.65
	Duplex	25.79	21.64

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)
Color Mode	Simplex - Adobe Reader		(1 set)			
	Simplex - Word		(1 set)			
	Simplex - Excel		(1 set)			
	Simplex - Average					
	Duplex - Adobe Reader	N/A	N/A	N/A		N/A
	Duplex - Word	N/A	N/A	N/A		N/A
	Duplex - Excel	N/A	N/A	N/A		N/A
	Duplex - Average	N/A	N/A	N/A		N/A
B&W mode (optional for color device)	Simplex - Adobe Reader	18.17	13.20 (1 set)	18.52 (4 sets)	20.78 (23 sets)	21.65
	Simplex - Word	17.10	14.03 (1 set)	19.01 (4 sets)		21.66
	Simplex - Excel	18.73	12.81 (1 set)	18.57 (4 sets)		21.65
	Simplex - Average	18.00	13.34	18.70	20.78	21.65
	Duplex - Adobe Reader	27.48	8.72 (1 set)	15.72 (4 sets)		21.64
	Duplex - Word	24.84	9.64 (1 set)	16.24 (4 sets)		21.64
	Duplex - Excel	25.03	9.58 (1 set)	16.40 (4 sets)		21.64
	Duplex - Average	25.79	9.31	16.12		21.64

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	10.110.0.0
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 LaserJet Managed MFP E82540DU

Printing device and settings	
Test Start Date and Time	8/6/2019 8:53
Tester	NP
Machine name/model	HP LaserJet Managed MFP E82540DU
Colour or B&W	B&W
FW Version	2407346_045695
Temperature and Humidity	77 degF / 25 degC 29.7 %rH
Voltage	110V
Test End Date and Time	8/22/2019 9:47

Item	Value	
Mode and Setting	Driver Version	6.7.0.23989
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Greyscale
	Duplex B&W Settings	Print in Greyscale
	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 B&W Device		FSOT (seconds)	ESAT (ipm)
B&W	Simplex	11.63	21.65
	Duplex	18.59	21.64

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)	
Color Mode	Simplex - Adobe Reader		(1 set)		
	Simplex - Word		(1 set)		
	Simplex - Excel		(1 set)		
	Simplex - Average				
	Duplex - Adobe Reader	N/A	N/A	N/A	N/A
	Duplex - Word	N/A	N/A	N/A	N/A
	Duplex - Excel	N/A	N/A	N/A	N/A
	Duplex - Average	N/A	N/A	N/A	N/A
B&W mode (optional for color device)	Simplex - Adobe Reader	18.14	13.22 (1 set)	18.53 (4 sets)	20.81 (23 sets)
	Simplex - Word	17.55	13.69 (1 set)	18.97 (4 sets)	
	Simplex - Excel	18.53	12.95 (1 set)	18.59 (4 sets)	
	Simplex - Average	18.08	13.28	18.69	20.81
	Duplex - Adobe Reader	27.46	8.72 (1 set)	15.78 (4 sets)	
	Duplex - Word	24.93	9.62 (1 set)	16.40 (4 sets)	
	Duplex - Excel	25.14	9.54 (1 set)	16.10 (4 sets)	
	Duplex - Average	25.85	9.29	16.09	

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	10.11.0.0
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 LaserJet Managed MFP E82540DU

Printing device and settings		
Test Start Date and Time	8/6/2019 8:53	
Tester	NP	
Machine name/model	HP LaserJet Managed MFP E82540DU	
Colour or B&W	B&W	
FW Version	2407346_045695	
Temperature and Humidity	77 degF / 25 degC 29.7 %rH	
Voltage	110V	
Test End Date and Time	8/22/2019 9:47	

Item	Value	
Mode and Setting	Driver Version	6.7.0.23989
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Greyscale
	Duplex B&W Settings	Print in Greyscale
	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
Paper	Output Orientation	Default (face down)
	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

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		
Legal, Simplex, Colour	Simplex		
Legal, Duplex, Colour	Duplex		
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	104%	100%
A5, Portrait Feed, Simplex, B/W	Simplex	103%	100%
Legal, Simplex, B/W	Simplex	71%	61%
Legal, Duplex, B/W	Duplex	57%	61%
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://w.w.w.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						
A5, Portrait Feed, Simplex, Colour						
Legal, Simplex, Colour						
Legal, Duplex, Colour						
A4, 1200 dpi, Simplex, Colour						
Letter, 1200 dpi, Simplex, Colour						
A4, General Office, Simplex, Colour						
Letter, General Office, Simplex, Colour						
A5, Landscape Feed, Simplex, B/W	18.23	40.26	17.54	40.3	104%	100%
A5, Portrait Feed, Simplex, B/W	18.23	40.26	17.87	40.3	103%	100%
Legal, Simplex, B/W	18.14	40.29	25.57	24.8	71%	61%
Legal, Duplex, B/W	18.14	40.29	31.96	24.8	57%	61%
A4, 1200 dpi, Simplex, B/W	18.23	40.26				
Letter, 1200 dpi, Simplex, B/W	18.14	40.29				
A4, General Office, Simplex, B/W	18.23	40.26				
Letter, General Office, Simplex, B/W	18.14	40.29				

- 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://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	
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	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 LaserJet Managed MFP E82540DU

Printing device and settings		
Test Start Date and Time	8/6/2019 8:53	
Tester	NP	
Machine name/model	HP LaserJet Managed MFP E82540DU	
Colour or B&W	B&W	
FW Version	2407346_045695	
Configuration (options)	Default	
Controller	Unknown	
Printing device page count	Not Specified	
Printing supplies page count	Not Specified	
Temperature and Humidity	77 degF / 25 degC 29.7 %rH	
Voltage	110V	
Test End Date and Time	8/22/2019 9:47	

Item	Value	
Mode and Setting	PDL and driver version	6.7.0.23989
	Print Quality mode	default
	B&W settings	default
Paper	Paper feed orientation	Short Edge
	Paper type setting	default
Paper Path	Paper feeding	Standard cassette
	Paper exit	Standard exit tray
	Output orientation	default (face up or face down)

ISO First Page Out Time Summary Report: Office Category

Summary Report: Letter

B&W		FPOT from Ready (seconds)
Simplex	7.19	
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: LETTER						
		Word (seconds)	Excel (seconds)	Adobe Reader (seconds)	Average (seconds)	Delay Time
Color Mode	FPOT from Ready - Simplex					
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			N/A		
	Recovery Time					
	FPOT from Off - Simplex					
	Warm-up Time					
B&W Mode	FPOT from Ready - Simplex	6.90	7.05	7.62	7.19	20 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			22.04		76 Minutes
	Recovery Time			14.4		
	FPOT from Off - Simplex			159.19		
	Warm-up Time			151.57		

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: LETTER

		FPOT Avg (secs)	FPOT (secs) Iteration 1	FPOT (secs) Iteration 2	FPOT (secs) Iteration 3	Application	Delay Time
Color Mode	FPOT from Sleep	N/A	N/A	N/A	N/A	Adobe Reader	
	FPOT from Sleep (15 minutes) HP/Non ISO Test	N/A	N/A	N/A	N/A	Adobe Reader	
B&W Mode	FPOT from Sleep	22.04	22.11	21.97	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	19.15	18.39	19.90	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 8350
	Optical Drive	HP DVD A DH16aC5HR ATA
	I/O Subsystem	Builtin
	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 Adobe Reader 10.1.4
	Print Driver	6.7.0.23989

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

Full Detailed Test Report - A4

HP LaserJet Managed MFP E82540DU

Printing device and settings		
Test Start Date and Time	8/6/2019 8:53	
Tester	NP	
Machine name/model	HP LaserJet Managed MFP E82540DU	
Colour or B&W	B&W	
FW Version	2407346_045695	
Configuration (options)	Default	
Controller	Unknown	
Printing device page count	Not Specified	
Printing supplies page count	Not Specified	
Temperature and Humidity	77 degF / 25 degC 29.7 %rH	
Voltage	110V	
Test End Date and Time	8/22/2019 9:47	

Item	Value	
Mode and Setting	PDL and driver version	6.7.0.23989
	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)		
B&W	Simplex	7.17
	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					
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			N/A		
	Recovery Time					
	FPOT from Off - Simplex					
	Warm-up Time					
B&W Mode	FPOT from Ready - Simplex	6.90	7.10	7.49	7.17	20 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			22.12		76 Minutes
	Recovery Time			14.6		
	FPOT from Off - Simplex			166.51		
	Warm-up Time			159.02		

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.
- 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	N/A	N/A	N/A	N/A	Adobe Reader	
	FPOT from Sleep (15 minutes)	N/A	N/A	N/A	N/A	Adobe Reader	
	HP/Non ISO Test						
B&W Mode	FPOT from Sleep	22.12	22.16	22.08	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes)	17.97	18.04	17.90	N/A	Adobe Reader	15 Minutes
	HP/Non ISO Test						

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 DH16aC5HR ATA
	I/O Subsystem	Builtin
	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 Adobe Reader 10.1.4
	Print Driver	6.7.0.23989

ISO/IEC 29183 Copy Productivity Report

Full Detailed Test Report - LETTER

HP LaserJet Managed MFP E82540DU	
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Machine Setup Information	
Test Start Date and Time	8/14/2019 8:09
Tester	NP
Machine name/model	HP LaserJet Managed MFP E82540DU
Colour or B&W	B&W
FW Version	2407346_045695
Configuration (options)	Not Specified
Temperature and Humidity	77 degF / 25 degC 29.7 %rH
Test End Date and Time:	8/26/2019 11:51

	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)
B&W	5.28	40.25

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	
B&W	A	5.28	11.36	33.78 22 sets	39.31 169 sets	40.25
	B					
	C					
	D					
	Average	5.28	11.36	33.78	39.31	40.25

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 LaserJet Managed MFP E82540DU	
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Machine Setup Information		
Test Start Date and Time	8/14/2019 8:09	
Tester	NP	
Machine name/model	HP LaserJet Managed MFP E82540DU	
Colour or B&W	B&W	
FW Version	2407346_045695	
Configuration (options)	Not Specified	
Temperature and Humidity	77 degF / 25 degC 29.7 %rH	
Test End Date and Time:	8/26/2019 11:51	

	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)
B&W	5.32	40.25

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	
B&W	A	5.32	11.29	34.53 22 sets	39.58 174 sets	40.25
	B					
	C					
	D					
	Average		5.32	11.29	34.53	39.58

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 24735 Copy Productivity Report

Full Detailed Test Report - LETTER

Machine Setup Information	
Test Start Date and Time	8/14/2019 8:26
Tester	NP
Machine name/model	HP LaserJet Managed MFP E82540DU
Colour or B&W	B&W
FW Version	2407346_045695
Configuration (options)	Not Specified
Temperature and Humidity	77 degF / 25 degC 29.7 %rH
Test End Date and Time:	8/26/2019 6:56

Pre-set Item	Pre-set Value
Output Resolution	Default
Output Quality	Default
Copying Mode	Default
Auto Density Adjustment	Default
Collating function	Activated (if not activated in default mode)
Paper Sending Direction	Default
Paper Type Setting	Default
Paper Feeding	Standard cassette
Paper Exit	Standard exit tray
Face Up Exit	Default
Fixing Capability	Default
Image Quality Stability	Default
Capacity of Paper	Default
Others	Default

Paper Manufacturer	HP / Xerox
Paper Weight	20lb / 75 g/m2
Paper Size	Letter / A4

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		(1 set)			
	1:2		(1 set)			
	2:2		(1 set)			
B&W mode	1:1	12.93	18.56	35.54 8 sets	39.26 42 sets	40.27
	1:2	20.92	11.46	30.70 8 sets		40.40
	2:2	20.96	11.44	30.66 8 sets		40.40

Notes

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

ISO/IEC 24735 Copy Productivity Report

Full Detailed Test Report - A4

Machine Setup Information	
Test Start Date and Time	8/14/2019 8:26
Tester	NP
Machine name/model	HP LaserJet Managed MFP E82540DU
Colour or B&W	B&W
FW Version	2407346_045695
Configuration (options)	Not Specified
Temperature and Humidity	77 degF / 25 degC 29.7 %rH
Test End Date and Time:	8/26/2019 6:56
Pre-set Item	
Pre-set Value	
Output Resolution	Default
Output Quality	Default
Copying Mode	Default
Auto Density Adjustment	Default
Collating function	Activated (if not activated in default mode)
Paper Sending Direction	Default
Paper Type Setting	Default
Paper Feeding	Standard cassette
Paper Exit	Standard exit tray
Face Up Exit	Default
Fixing Capability	Default
Image Quality Stability	Default
Capacity of Paper	Default
Others	Default
Paper Manufacturer	HP / Xerox
Paper Weight	20lb / 75 g/m2
Paper Size	Letter / 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		(1 set)			
	1:2		(1 set)			
	2:2		(1 set)			
B&W mode	1:1	12.20	19.67	34.94 7 sets	38.70 42 sets	40.25
	1:2	21.14	11.34	29.62 7 sets		40.40
	2:2	20.91	11.48	29.22 7 sets		40.38

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	8/19/2019 7:08
Tester	NP
Machine name/model	HP LaserJet Managed MFP E82540DU
Colour or B&W	B&W
Configuration (options)	Default
Temperature and Humidity	77 degF / 25 degC 29.7 %RH
Voltage	110V
Test End Date and Time	8/19/2019 14:12

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)	
ADF Paper-path	Paper feed direction	default (long edge)
	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	82.56
			double sided	168.57
B&W	PDF 1.4	200	single sided	82.71
			double sided	168.41

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	56.49	4.40	12.00
			double sided	64.56	9.26	23.00
B&W	PDF 1.4	200	single sided	62.60	1.97	12.00
			double sided	112.70	3.83	23.00

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	41.78	76.36	82.56
			double sided	53.87	155.04	168.57
B&W	PDF 1.4	200	single sided	44.07	77.15	82.71
			double sided	54.01	154.83	168.41

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	20.13	56.49	4.40	12
			double sided	19.47	64.56	9.26	23
B&W	PDF 1.4	200	single sided	22.90	62.60	1.97	12
			double sided	23.33	112.70	3.83	23

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	Built-in
	USB Subsystem	USB 2.0/3.0
Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1	
Scanning Device Connection	Location of network folder	PC
	Internet Protocol	IPv4
	Transfer Protocol	SMB
	Hub	Trendnet Router and Gbit Switch
	Network Speed	TCP 10/1000 Mbit Ethernet
	Connection 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	8/19/2019 7:08
Tester	NP
Machine name/model	HP LaserJet Managed MFP E82540DU
Colour or B&W	B&W
Configuration (options)	Default
Temperature and Humidity	77 degF / 25 degC 29.7 %RH
Voltage	110V
Test End Date and Time	8/19/2019 14:12

Mode and Setting	Preset Item	Preset Value
		Scanning resolution
	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)
ADF Paper-path	Paper feed direction	default (long edge)
	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	84.22
			double sided	170.21
B&W	PDF 1.4	200	single sided	84.16
			double sided	169.92

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	58.18	4.41	12.00
			double sided	64.40	8.59	24.00
B&W	PDF 1.4	200	single sided	60.63	1.92	12.00
			double sided	118.77	3.81	24.00

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	43.67	78.35	84.22
			double sided	51.75	156.36	170.21
B&W	PDF 1.4	200	single sided	42.93	78.24	84.16
			double sided	53.39	156.57	169.92

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	20.00	58.18	4.41	12
			double sided	20.00	64.40	8.59	24
B&W	PDF 1.4	200	single sided	21.81	60.63	1.92	12
			double sided	22.90	118.77	3.81	24

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 DH16aCASHR ATA
	I/O Subsystem	Built-in
	USB Subsystem	USB 2.0/3.0
Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1	
Scanning Device Connection	Location of network folder	PC
	Internet Protocol	IPv4
	Transfer Protocol	SMB
	Hub	Trendnet Router and Gbit Switch
	Network Speed	TCP 10/1000 Mbit Ethernet
	Connection 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	8/19/2019 7:08
Tester	NP
Machine name/model	HP LaserJet Managed MFP E82540DU
Colour or B&W	B&W
Configuration (options)	Default
Temperature and Humidity	77 degF / 25 degC 29.7 %RH
Voltage	110V
Test End Date and Time	8/19/2019 14:12

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)	
ADF Paper-path	Paper feed direction	default (long edge)
	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	49.74
			double sided	98.88
B&W	PDF 1.4	200	single sided	49.80
			double sided	98.89

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	33.68	5.45	8.00
			double sided	34.81	11.45	14.00
B&W	PDF 1.4	200	single sided	38.02	2.45	8.00
			double sided	67.22	4.29	14.00

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	32.58	46.76	49.74
			double sided	44.27	89.8	98.88
B&W	PDF 1.4	200	single sided	32.38	46.73	49.8
			double sided	44.20	89.97	98.89

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	16.00	33.68	5.45	8
			double sided	16.57	34.81	11.45	14
B&W	PDF 1.4	200	single sided	20.00	38.02	2.45	8
			double sided	18.40	67.22	4.29	14

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	Built-in
	USB Subsystem	USB 2.0/3.0
Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1	
Scanning Device Connection	Location of network folder	PC
	Internet Protocol	IPv4
	Transfer Protocol	SMB
	Hub	Trendnet Router and Gbit Switch
	Network Speed	TCP 10/1000 Mbit Ethernet
	Connection 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	8/19/2019 7:08
Tester	NP
Machine name/model	HP LaserJet Managed MFP E82540DU
Colour or B&W	B&W
Configuration (options)	Default
Temperature and Humidity	77 degF / 25 degC 29.7 %RH
Voltage	110V
Test End Date and Time	8/19/2019 14:12

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)	
ADF Paper-path	Paper feed direction	default (long edge)
	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	51.40
			double sided	102.52
B&W	PDF 1.4	200	single sided	51.28
			double sided	102.47

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	32.82	5.56	8.00
			double sided	34.99	9.89	14.00
B&W	PDF 1.4	200	single sided	39.18	2.44	8.00
			double sided	68.56	4.25	14.00

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	32.45	48.01	51.4
			double sided	45.32	92.69	102.52
B&W	PDF 1.4	200	single sided	32.25	48.01	51.28
			double sided	44.23	93.86	102.47

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: 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	15.50	32.82	5.56	8
			double sided	15.05	34.99	9.89	14
B&W	PDF 1.4	200	single sided	18.46	39.18	2.44	8
			double sided	21.80	68.56	4.25	14

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	Built-in
	USB Subsystem	USB 2.0/3.0
Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1	
Scanning Device Connection	Location of network folder	PC
	Internet Protocol	IPv4
	Transfer Protocol	SMB
	Hub	Trendnet Router and Gbit Switch
	Network Speed	TCP 10/1000 Mbit Ethernet
	Connection Cable	Cat6 Straight cable
	Wireless router	No use
	Others	No use