

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP LaserJet Managed MFP E82540DN

Printing device and settings		
Test Start Date and Time	3/31/2017 8:10	
Tester	BG	
Machine name/model	HP LaserJet Managed MFP E82540DN	
Colour or B&W	B&W	
F/W Version	2403293 005975	
Temperature and Humidity	73 degF / 23 degC 22.6 %RH	
Voltage	110V	
Test End Date and Time	9/19/2017 7:49	

	Item	Value
Mode and Setting	Driver Version	6.4.0
	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

Summary Report: Letter			
Office Category	Test for B&W Device	FSOT (seconds)	ESAT (ipm)
B&W	Simplex	11.9	40.2
	Duplex	19.5	40.3

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)	
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 <small>(optional for color device)</small>	Simplex - Adobe Reader	12.56	19.10 (1 set)	34.23 (7 sets)	38.37 (42 sets)	40.29
	Simplex - Word	11.39	21.06 (1 set)	35.44 (7 sets)		40.26
	Simplex - Excel	11.55	20.77 (1 set)	34.89 (7 sets)		40.25
	Simplex - Average	11.9	20.3 (1 set)	34.8 (7 sets)	38.3	40.2
	Duplex - Adobe Reader	19.91	12.04 (1 set)	29.90 (7 sets)		40.38
	Duplex - Word	19.35	12.40 (1 set)	30.74 (7 sets)		40.40
	Duplex - Excel	18.96	12.64 (1 set)	30.34 (7 sets)		40.40
	Duplex - Average	19.5	12.3 (1 set)	30.3 (7 sets)		40.3

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 LaserJet Managed MFP E82540DN

Printing device and settings		
Test Start Date and Time	3/31/2017 8:10	
Tester	BG	
Machine name/model	HP LaserJet Managed MFP E82540DN	
Colour or B&W	B&W	
FW Version	2403293_005975	
Temperature and Humidity	73 degF / 23 degC 22.6 %rH	
Voltage	110V	
Test End Date and Time	9/19/2017 7:49	

	Item	Value
Mode and Setting	Driver Version	6.4.0
	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

Summary Report: A4			
Office Category Test for B&W Device		FSOT (seconds)	ESAT (ipm)
B&W	Simplex	12.0	40.2
	Duplex	19.4	40.3

Notes

- All printing device and driver settings were default mode.
- For the B/W results, the print driver was set to "print in B/W".
- For more information see <http://www.hp.com/go/printerclaims>.
- 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		(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	12.46	19.26 (1 set)	34.70 (7 sets)	38.06 (42 sets)	40.25
	Simplex - Word	11.51	20.85 (1 set)	35.43 (7 sets)		40.25
	Simplex - Excel	11.79	20.37 (1 set)	35.05 (7 sets)		40.25
	Simplex - Average	12.0	20.1 (1 set)	35.0 (7 sets)		40.2
	Duplex - Adobe Reader	19.82	12.10 (1 set)	30.28 (7 sets)		40.40
	Duplex - Word	18.89	12.70 (1 set)	28.80 (7 sets)		40.38
	Duplex - Excel	19.21	12.50 (1 set)	30.38 (7 sets)		40.40
	Duplex - Average	19.4	12.4 (1 set)	29.8 (7 sets)		40.3

Notes

- All printing device and driver settings were default mode.
- For the B/W results, the print driver was set to "print in B/W".
- For more information see <http://www.hp.com/go/printerclaims>.
- 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 LaserJet Managed MFP E82540DN

Printing device and settings		
Test Start Date and Time	3/31/2017 8:10	
Tester	BG	
Machine name/model	HP LaserJet Managed MFP E82540DN	
Colour or B&W	B&W	
FW Version	2403293_005975	
Temperature and Humidity	73 degF / 23 degC 22.6 %rH	
Voltage	110V	
Test End Date and Time	9/19/2017 7:49	

	Item	Value
Mode and Setting	Driver Version	6.4.0
	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

Summary Report: Tabloid			
Office Category Test for B&W Device		FSOT (seconds)	ESAT (ipm)
B&W	Simplex	19.4	21.6
	Duplex	26.5	21.6

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: 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		(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	21.08	11.38 (1 set)	17.62 (4 sets)	20.54 (23 sets)	21.66
	Simplex - Word	17.98	13.35 (1 set)	18.66 (4 sets)		21.65
	Simplex - Excel	19.01	12.62 (1 set)	18.40 (4 sets)		21.66
	Simplex - Average	19.4	12.4	18.2	20.5	21.6
	Duplex - Adobe Reader	28.65	8.36 (1 set)	15.42 (4 sets)		21.66
	Duplex - Word	25.46	9.42 (1 set)	16.18 (4 sets)		21.66
	Duplex - Excel	25.30	9.48 (1 set)	16.10 (4 sets)		21.64
	Duplex - Average	26.5	9.0	15.9		21.6

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 - A3

HP LaserJet Managed MFP E82540DN

Printing device and settings		
Test Start Date and Time	3/31/2017 8:10	
Tester	BG	
Machine name/model	HP LaserJet Managed MFP E82540DN	
Colour or B&W	B&W	
FW Version	2403293_005975	
Temperature and Humidity	73 degF / 23 degC 22.6 %rH	
Voltage	110V	
Test End Date and Time	9/19/2017 7:49	

	Item	Value
Mode and Setting	Driver Version	6.4.0
	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	11.9	21.6
	Duplex	19.5	21.6

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: 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		(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	20.38	11.77 (1 set)	17.84 (4 sets)	20.53 (23 sets)	21.66
	Simplex - Word	17.45	13.74 (1 set)	18.81 (4 sets)		21.64
	Simplex - Excel	18.96	12.65 (1 set)	18.46 (4 sets)		21.66
	Simplex - Average	19.0	12.7	18.3	20.5	21.6
	Duplex - Adobe Reader	28.75	8.32 (1 set)	15.50 (4 sets)		21.64
	Duplex - Word	25.66	9.34 (1 set)	16.20 (4 sets)		21.64
	Duplex - Excel	25.96	9.24 (1 set)	16.18 (4 sets)		21.64
	Duplex - Average	26.8	8.9	15.9		21.6

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

Feature Performance Full Report - Office Feature Performance Test

HP LaserJet Managed MFP E82540DN

Printing device and settings		
Test Start Date and Time		3/31/2017 8:10
Tester		BG
Machine name/model		HP LaserJet Managed MFP E82540DN
Colour or B&W		B&W
FW Version		2403293_005975
Temperature and Humidity		73 degF / 23 degC 22.6 %rH
Voltage		110V
Test End Date and Time		9/19/2017 7:49

	Item	Value
Mode and Setting	Driver Version	6.4.0
	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

ISO Print Productivity Report: Feature Performance Test Summary

Printing Modes (Feature Adobe Reader - Office test file)		Feature Performance Ratio	
		A5 and Legal	
		FSOT (base) FSOT (feature)	ESAT (feature) ESAT (base)
A5 Landscape Feed - Colour	Simplex		
A5 Portrait Feed - Colour	Simplex		
Legal - Colour	Simplex		
Legal - Colour	Duplex		
A5 Landscape Feed - B/W	Simplex	100%	100%
A5 Portrait Feed - B/W	Simplex	96%	100%
Legal - B/W	Simplex	71%	61%
Legal - B/W	Duplex	58%	61%

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	A5 and Legal			
			1 set FSOT (secs)	1 set + 30 sec ESAT (ipm)	FSOT (base) FSOT (feature)	ESAT (feature) ESAT (base)
Simplex A5 Landscape Feed - Colour						
Simplex A5 Portrait Feed - Colour						
Legal Simplex - Colour						
Legal Duplex - Colour						
Simplex A5 Landscape Feed - B/W	19.37	40.26	19.44	40.3	100%	100%
Simplex A5 Portrait Feed - B/W	19.37	40.26	20.34	40.3	96%	100%
Legal Simplex - B/W	19.37	40.26	27.5	24.8	71%	61%
Legal Duplex - B/W	19.37	40.26	33.41	24.8	58%	61%

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 DH16aCSHR ATA
	I/O Subsystem	Builtin
	USB Subsystem	USB 2.0/3.0
I/O	TCP/IP	TCP/IP 10/1000
	Operating System	Windows 7 64 Bit
Software	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 E82540DN

Printing device and settings		
Test Start Date and Time	3/31/2017 8:10	
Tester	BG	
Machine name/model	HP LaserJet Managed MFP E82540DN	
Colour or B&W	B&W	
FW Version	2403293_005975	
Configuration (options)	Default	
Controller	Unknown	
Printing device page count	Not Specified	
Printing supplies page count	Not Specified	
Temperature and Humidity	73 degF / 23 degC 22.6 %rH	
Voltage	110V	
Test End Date and Time	9/19/2017 7:49	

Item	Value
Mode and Setting	
PDL and driver version	6.4.0
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: Letter		
		FPOT from Ready (seconds)
B&W	Simplex	7.18
	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	6.95	7.17	7.40	7.18	20 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			36.68		76 Minutes
	Recovery Time			29.3		
	FPOT from Off - Simplex			184.92		
	Warm-up Time			177.52		

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)	N/A	N/A	N/A	N/A	Adobe Reader	
	HP/Non ISO Test						
B&W Mode	FPOT from Sleep	36.68	36.39	36.96	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes)	18.80	18.79	18.81	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	6.4.0

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

Full Detailed Test Report - A4

HP LaserJet Managed MFP E82540DN

Printing device and settings	
Test Start Date and Time	3/31/2017 8:10
Tester	BG
Machine name/model	HP LaserJet Managed MFP E82540DN
Colour or B&W	B&W
FW Version	2403293_005975
Configuration (options)	Default
Controller	Unknown
Printing device page count	Not Specified
Printing supplies page count	Not Specified
Temperature and Humidity	73 degF / 23 degC 22.6 %rH
Voltage	110V
Test End Date and Time	3/19/2017 7:49

Item	Value	
Mode and Setting	PDL and driver version	6.4.0
	Print Quality mode	default
	B&W settings	default
	Paper feed orientation	Short Edge
Paper	Paper type setting	default
	Paper feeding	Standard cassette
Paper Path	Paper exit	Standard exit tray
	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	7.25
	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	6.98	6.99	7.78	7.25	20 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			37.13		76 Minutes
	Recovery Time			29.4		
	FPOT from Off - Simplex			187.01		
	Warm-up Time			179.23		

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) HP/Non ISO Test	N/A	N/A	N/A	N/A	Adobe Reader	
B&W Mode	FPOT from Sleep	37.13	37.60	36.66	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	18.42	18.25	18.59	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 DH16aCSHR 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
	Print Driver	Adobe Reader 10.1.4
	Print Driver	6.4.0

ISO/IEC 29183 Copy Productivity Report

Full Detailed Test Report - LETTER

HP LaserJet Managed MFP E82540DN	
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Machine Setup Information	
Test Start Date and Time	3/31/2017 10:52
Tester	BG
Machine name/model	HP LaserJet Managed MFP E82540DN
Colour or B&W	B&W
FW Version	2403293_005975
Configuration (options)	Not Specified
Temperature and Humidity	73 degF / 23 degC 22.6 %rH
Test End Date and Time:	9/21/2017 14:08

	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	5.5	40.3

Notes
 First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.
 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	5.50	10.92	34.04 23 sets	39.31 166 sets	40.27
	B					
	C					
	D					
	Average	5.5	10.9	34.0	39.3	40.3

Notes
 First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.
 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 E82540DN	
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Machine Setup Information	
Test Start Date and Time	3/31/2017 10:52
Tester	BG
Machine name/model	HP LaserJet Managed MFP E82540DN
Colour or B&W	B&W
FW Version	2403293_005975
Configuration (options)	Not Specified
Temperature and Humidity	73 degF / 23 degC 22.6 %rH
Test End Date and Time:	9/21/2017 14:08

	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	5.5	40.2

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	5.46	10.98	34.30 23 sets	39.28 165 sets	40.24
	B					
	C					
	D					
	Average		5.5	11.0	34.3	39.3

Notes
 First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.
 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	4/6/2017 11:31
Tester	BG
Machine name/model	HP LaserJet Managed MFP E82540DN
Colour or B&W	B&W
FW Version	2403293_005975
Configuration (options)	Not Specified
Temperature and Humidity	73 degF / 23 degC 22.6 %rH
Test End Date and Time:	9/20/2017 10:03
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	13.23	18.13	34.00 7 sets	39.04 42 sets	40.27
	1:2	21.71	11.04	28.84 7 sets		40.40
	2:2	22.23	10.78	29.38 7 sets		40.38
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	4/6/2017 11:31
Tester	BG
Machine name/model	HP LaserJet Managed MFP E82540DN
Colour or B&W	B&W
FW Version	2403293_005975
Configuration (options)	Not Specified
Temperature and Humidity	73 degF / 23 degC 22.6 %rH
Test End Date and Time:	9/20/2017 10:03
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	13.34	17.99	34.22 7 sets	38.94 42 sets	40.28
	1:2	22.23	10.78	29.30 7 sets		40.40
	2:2	22.17	10.82	28.90 7 sets		40.36
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	4/3/2017 10:01
Tester	BG
Machine name/model	HP LaserJet Managed MFP E82540DN
Colour or B&W	B&W
Configuration (options)	Default
Temperature and Humidity	73 degF / 23 degC 22.6 %rH
Voltage	110V
Test End Date and Time	9/21/2017 10:36

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 feed direction	default (long edge)
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	1.4	200	single sided	102.42
			double sided	205.83
B&W	1.4	200	single sided	102.10
			double sided	206.31

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	1.4	200	single sided	64.90	6.99	15.00
			double sided	70.43	13.13	27.00
B&W	1.4	200	single sided	77.24	2.51	14.00
			double sided	100.14	4.92	29.00

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	1.4	200	single sided	35.23	91.14	102.42
			double sided	45.44	181.43	205.83
B&W	1.4	200	single sided	36.61	90.92	102.1
			double sided	42.84	184	206.31

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	1.4	200	single sided	24.00	64.90	6.99	15
			double sided	21.23	70.43	13.13	27
B&W	1.4	200	single sided	26.66	77.24	2.51	14
			double sided	22.90	100.14	4.92	29

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
	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
	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	4/3/2017 10:01
Tester	BG
Machine name/model	HP LaserJet Managed MFP E82540DN
Colour or B&W	B&W
Configuration (options)	Default
Temperature and Humidity	73 degF / 23 degC 22.6 %rH
Voltage	110V
Test End Date and Time	9/21/2017 10:36

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: A4

	Scanning Mode		Measurement result	
	File format version	Resolution	Scanning side	scESAT 30secA (ipm)
Colour	1.4	200	single sided	103.71
			double sided	212.68
B&W	1.4	200	single sided	103.78
			double sided	212.95

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	1.4	200	single sided	68.57	6.03	15.00
			double sided	78.20	15.07	29.00
B&W	1.4	200	single sided	78.29	2.36	15.00
			double sided	143.52	5.13	29.00

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	1.4	200	single sided	38.03	93.51	103.71
			double sided	44.94	186.76	212.68
B&W	1.4	200	single sided	36.64	92.67	103.78
			double sided	50.00	187.01	212.95

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	1.4	200	single sided	26.66	68.57	6.03	15
			double sided	24.00	78.20	15.07	29
B&W	1.4	200	single sided	30.00	78.29	2.36	15
			double sided	32.14	143.52	5.13	29

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
	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
	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	4/3/2017 10:01
Tester	BG
Machine name/model	HP LaserJet Managed MFP E82540DN
Colour or B&W	B&W
Configuration (options)	Default
Temperature and Humidity	73 degF / 23 degC 22.6 %rH
Voltage	110V
Test End Date and Time	9/21/2017 10:36

	Preset Item	Preset Value	
Mode and Setting	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	1.4	200	single sided	60.74
			double sided	121.62
B&W	1.4	200	single sided	60.47
			double sided	121.99

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	1.4	200	single sided	37.24	8.68	9.00
			double sided	42.34	15.15	17.00
B&W	1.4	200	single sided	46.45	2.91	9.00
			double sided	82.43	5.43	17.00

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	1.4	200	single sided	30.45	53.83	60.74
			double sided	38.99	107.78	121.62
B&W	1.4	200	single sided	29.57	54.54	60.47
			double sided	39.27	108.46	121.99

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	1.4	200	single sided	18.57	37.24	8.68	9
			double sided	20.00	42.34	15.15	17
B&W	1.4	200	single sided	20.00	46.45	2.91	9
			double sided	28.33	82.43	5.43	17

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	DC
		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	4/3/2017 10:01
Tester	BG
Machine name/model	HP LaserJet Managed MFP E82540DN
Colour or B&W	B&W
Configuration (options)	Default
Temperature and Humidity	73 degF / 23 degC 22.6 %rH
Voltage	110V
Test End Date and Time	9/21/2017 10:36

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 feed direction	default (long edge)
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	1.4	200	single sided	60.83
			double sided	122.05
B&W	1.4	200	single sided	60.89
			double sided	121.68

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	1.4	200	single sided	38.25	8.28	9.00
			double sided	44.88	15.97	17.00
B&W	1.4	200	single sided	46.45	2.65	9.00
			double sided	80.80	5.45	17.00

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".

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
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
	Connction Cable	Cat6 Straight cable
	Wireless router	No use
	Others	No use