

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP PageWide Managed Color MFP P77940 Series

Printing device and settings		
Test Start Date and Time	4/30/2018 7:55	
Tester	RM	
Machine name/model	HP PageWide Managed Color MFP P77940 Series	
Colour or B&W	Colour	
FW Version	2406029_028982	
Temperature and Humidity	71 degF / 22 degC 21.2 %rH	
Voltage	110V	
Test End Date and Time	6/5/2018 13:02	

Item	Value	
Mode and Setting	Driver Version	6.5.0.22695
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	print in grayscale
	Duplex B&W Settings	print in grayscale
	Setting N set count	Application
Paper Path	Collating function	Activated (application)
	Paper Sending Direction	Default
	Paper Size Setting	Default
	Paper Feeding	Tray 2
	Paper Exit	Standard Exit Tray
	Output Orientation	Default (face down)
	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	17.55	41.17
	Duplex	25.03	28.76
B&W	Simplex	13.82	41.17
	Duplex	28.18	28.83

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 (7 sets)	1 set + 30sec (# of sets)		
Color Mode	Simplex - Adobe Reader	14.42	16.63 (1 set)	33.57 (7 sets)	39.63 (43 sets)	41.14
	Simplex - Word	24.48	9.81 (1 set)	33.40 (7 sets)		41.17
	Simplex - Excel	13.75	17.46 (1 set)	34.31 (7 sets)		41.20
	Simplex - Average	17.55	14.63 (1 set)	33.76 (7 sets)	39.63 (43 sets)	41.17
	Duplex - Adobe Reader	31.06	7.72 (1 set)	21.58 (5 sets)		28.74
	Duplex - Word	22.16	10.82 (1 set)	18.92 (5 sets)		28.82
	Duplex - Excel	21.85	10.96 (1 set)	22.02 (5 sets)		28.72
	Duplex - Average	25.03	9.83 (1 set)	20.84 (5 sets)		28.76
B&W mode (optional for color device)	Simplex - Adobe Reader	14.41	16.65 (1 set)	33.90 (7 sets)	39.59 (43 sets)	41.18
	Simplex - Word	13.34	17.98 (1 set)	33.78 (7 sets)		41.18
	Simplex - Excel	13.70	17.51 (1 set)	33.15 (7 sets)		41.17
	Simplex - Average	13.82	17.38 (1 set)	33.61 (7 sets)	39.6 (43 sets)	41.17
	Duplex - Adobe Reader	31.57	7.58 (1 set)	18.74 (5 sets)		28.84
	Duplex - Word	30.92	7.74 (1 set)	21.70 (5 sets)		28.82
	Duplex - Excel	22.03	10.90 (1 set)	22.10 (5 sets)		28.84
	Duplex - Average	28.18	8.74 (1 set)	20.84 (5 sets)		28.83

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
TCPIP	TCPIP/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 PageWide Managed Color MFP P77940 Series

Printing device and settings		
Test Start Date and Time	4/30/2018 7:55	
Tester	RM	
Machine name/model	HP PageWide Managed Color MFP P77940 Series	
Colour or B&W	Colour	
FW Version	2406029_028982	
Temperature and Humidity	71 degF / 22 degC 21.2 %rH	
Voltage	110V	
Test End Date and Time	6/5/2018 13:02	

Item	Value	
Mode and Setting	Driver Version	6.5.0.22695
	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	16.99	41.17
	Duplex	22.79	28.78
B&W	Simplex	20.24	41.19
	Duplex	22.35	28.80

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	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)	
Colour Mode	Simplex - Adobe Reader	14.23	16.87 (1 set)	33.77 (7 sets)	39.52 (43 sets)	41.14
	Simplex - Word	23.07	10.40 (1 set)	34.45 (7 sets)		41.18
	Simplex - Excel	13.65	17.58 (1 set)	28.99 (7 sets)		41.20
	Simplex - Average	16.99	14.95 (1 set)	32.40 (7 sets)	39.52 (43 sets)	41.17
	Duplex - Adobe Reader	23.39	10.26 (1 set)	21.48 (5 sets)		28.72
	Duplex - Word	22.79	10.52 (1 set)	22.08 (5 sets)		28.82
	Duplex - Excel	22.18	10.82 (1 set)	21.40 (5 sets)		28.82
	Duplex - Average	22.8	10.53 (1 set)	21.65 (5 sets)		28.78
B&W mode (optional for color device)	Simplex - Adobe Reader	24.19	9.93 (1 set)	33.96 (7 sets)	39.72 (43 sets)	41.20
	Simplex - Word	23.12	10.38 (1 set)	34.54 (7 sets)		41.18
	Simplex - Excel	13.41	17.90 (1 set)	29.17 (7 sets)		41.20
	Simplex - Average	20.2	12.73 (1 set)	32.55 (7 sets)	39.7 (43 sets)	41.19
	Duplex - Adobe Reader	22.94	10.44 (1 set)	21.88 (5 sets)		28.72
	Duplex - Word	21.86	10.96 (1 set)	21.46 (5 sets)		28.84
	Duplex - Excel	22.25	10.78 (1 set)	21.92 (5 sets)		28.84
	Duplex - Average	22.4	10.72 (1 set)	21.75 (5 sets)		28.80

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 - Tabloid

HP PageWide Managed Color MFP P77940 Series

Printing device and settings		
Test Start Date and Time	4/30/2018 7:55	
Tester	RM	
Machine name/model	HP PageWide Managed Color MFP P77940 Series	
Colour or B&W	Colour	
FW Version	2406029_028982	
Temperature and Humidity	71 degF / 22 degC 21.2 %rH	
Voltage	110V	
Test End Date and Time	6/5/2018 13:02	

Item	Value	
Mode and Setting	Driver Version	6.5.0.22695
	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	17.55	21.09
	Duplex	25.03	10.98
B&W	Simplex	19.56	21.09
	Duplex	30.14	10.98

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	20.78	11.55 (1 set)	17.28 (4 sets)	20.29 (23 sets)	21.09
	Simplex - Word	19.55	12.28 (1 set)	17.88 (4 sets)		21.10
	Simplex - Excel	19.02	12.61 (1 set)	17.96 (4 sets)		21.10
	Simplex - Average	19.79	12.14	17.70	20.29	21.09
	Duplex - Adobe Reader	31.39	7.64 (1 set)	9.58 (3 sets)		11.00
	Duplex - Word	30.25	7.92 (1 set)	9.64 (3 sets)		10.98
	Duplex - Excel	29.82	8.04 (1 set)	9.74 (3 sets)		10.98
	Duplex - Average	30.49	7.86	9.65		10.98
B&W mode (optional for color device)	Simplex - Adobe Reader	20.14	11.91 (1 set)	17.38 (4 sets)	20.35 (23 sets)	21.09
	Simplex - Word	19.39	12.38 (1 set)	17.92 (4 sets)		21.09
	Simplex - Excel	19.14	12.54 (1 set)	17.99 (4 sets)		21.10
	Simplex - Average	19.56	12.27	17.76	20.35	21.09
	Duplex - Adobe Reader	31.07	7.72 (1 set)	9.54 (3 sets)		11.00
	Duplex - Word	29.59	8.10 (1 set)	8.72 (3 sets)		10.98
	Duplex - Excel	29.75	8.06 (1 set)	9.80 (3 sets)		10.98
	Duplex - Average	30.14	7.96	9.35		10.98

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 PageWide Managed Color MFP P77940 Series

Printing device and settings		
Test Start Date and Time	4/30/2018 7:55	
Tester	RM	
Machine name/model	HP PageWide Managed Color MFP P77940 Series	
Colour or B&W	Colour	
FW Version	2406029_028982	
Temperature and Humidity	71 degF / 22 degC 21.2 %rH	
Voltage	110V	
Test End Date and Time	6/5/2018 13:02	

Item	Value	
Mode and Setting	Driver Version	6.5.0.22695
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	print in grayscale
	Duplex B&W Settings	print in grayscale
	Setting N set count	Application
Paper Path	Collating function	Activated (application)
	Paper Sending Direction	Default
	Paper Size Setting	Default
	Paper Feeding	Tray 2
	Paper Exit	Standard Exit Tray
	Output Orientation	Default (face down)
Paper	Duplexing Unit (Yes/No)	Yes
	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: A3			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	17.55	21.08
	Duplex	25.03	10.98
B&W	Simplex	22.85	21.09
	Duplex	33.03	10.98

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)
Color Mode	Simplex - Adobe Reader	20.32	11.81 (1 set)	17.37 (4 sets)	20.32 (23 sets)	21.09
	Simplex - Word	26.62	9.01 (1 set)	17.50 (4 sets)		21.08
	Simplex - Excel	29.69	8.09 (1 set)	17.90 (4 sets)		21.09
	Simplex - Average	25.55	9.63 (1 set)	17.59 (4 sets)	20.32 (23 sets)	21.08
	Duplex - Adobe Reader	41.56	5.76 (1 set)	8.70 (3 sets)		10.98
	Duplex - Word	30.39	7.90 (1 set)	9.64 (3 sets)		10.98
	Duplex - Excel	29.71	8.06 (1 set)	9.72 (3 sets)		10.98
	Duplex - Average	33.89	7.24 (1 set)	9.35 (3 sets)		10.98
B&W mode (optional for color device)	Simplex - Adobe Reader	30.41	7.89 (1 set)	15.19 (4 sets)	20.34 (23 sets)	21.09
	Simplex - Word	19.12	12.55 (1 set)	17.79 (4 sets)		21.09
	Simplex - Excel	19.01	12.62 (1 set)	17.94 (4 sets)		21.10
	Simplex - Average	22.85	11.02 (1 set)	16.97 (4 sets)	20.34 (23 sets)	21.09
	Duplex - Adobe Reader	31.35	7.64 (1 set)	9.54 (3 sets)		10.98
	Duplex - Word	38.14	6.28 (1 set)	8.74 (3 sets)		10.98
	Duplex - Excel	29.59	8.10 (1 set)	9.78 (3 sets)		10.98
	Duplex - Average	33.03	7.34 (1 set)	9.35 (3 sets)		10.98

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	Buillim
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 PageWide Managed Color MFP P77940 Series

Printing device and settings		
Test Start Date and Time	4/30/2018 7:55	
Tester	RM	
Machine name/model	HP PageWide Managed Color MFP P77940 Series	
Colour or B&W	Colour	
FW Version	2406029_028982	
Temperature and Humidity	71 degF / 22 degC 21.2 %rH	
Voltage	110V	
Test End Date and Time	6/5/2018 13:02	

Item	Value	
Mode and Setting	Driver Version	6.5.0.22695
	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	147%	99%
A5, Portrait Feed, Simplex, Colour	Simplex		
Legal, Simplex, Colour	Simplex	86%	69%
Legal, Duplex, Colour	Duplex	67%	63%
A4, 1200 dpi, Simplex, Colour	Simplex		
Letter, 1200 dpi, Simplex, Colour	Simplex		
A4, General Office, Simplex, Colour	Simplex	118%	148%
Letter, General Office, Simplex, Colour	Simplex	87%	148%
A5, Landscape Feed, Simplex, B/W	Simplex	158%	100%
A5, Portrait Feed, Simplex, B/W	Simplex		
Legal, Simplex, B/W	Simplex	123%	69%
Legal, Duplex, B/W	Duplex	99%	63%
A4, 1200 dpi, Simplex, B/W	Simplex		
Letter, 1200 dpi, Simplex, B/W	Simplex		
A4, General Office, Simplex, B/W	Simplex	203%	148%
Letter, General Office, Simplex, B/W	Simplex	123%	148%

- 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	29.5	41.2	20.1	41.2	147%	99%
A5, Portrait Feed, Simplex, Colour	29.5	41.2				
Legal, Simplex, Colour	21.21	41.16	24.91	28.7	86%	69%
Legal, Duplex, Colour	21.21	41.16	31.94	28.0	67%	63%
A4, 1200 dpi, Simplex, Colour	29.5	41.2				
Letter, 1200 dpi, Simplex, Colour	21.21	41.16				
A4, General Office, Simplex, Colour	29.5	41.2	25.1	61.1	118%	148%
Letter, General Office, Simplex, Colour	21.21	41.16	24.59	61.0	87%	148%
A5, Landscape Feed, Simplex, B/W	30.19	41.19	19.21	41.2	158%	100%
A5, Portrait Feed, Simplex, B/W	30.19	41.19				
Legal, Simplex, B/W	30.12	41.17	24.62	28.5	123%	69%
Legal, Duplex, B/W	30.12	41.17	30.71	26.0	99%	63%
A4, 1200 dpi, Simplex, B/W	30.19	41.19				
Letter, 1200 dpi, Simplex, B/W	30.12	41.17				
A4, General Office, Simplex, B/W	30.19	41.19	14.93	61.0	203%	148%
Letter, General Office, Simplex, B/W	30.12	41.17	24.57	61.0	123%	148%

- 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 DH16aC5HR 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 PageWide Managed Color MFP P77940 Series

Printing device and settings	
Test Start Date and Time	4/30/2018 7:55
Tester	RM
Machine name/model	HP PageWide Managed Color MFP P77940 Series
Colour or B&W	Colour
FW Version	2406029_028982
Configuration (options)	Default
Controller	unknown
Printing device page count	Not Specified
Printing supplies page count	Not Specified
Temperature and Humidity	71 degF / 22 degC 21.2 %rH
Voltage	110V
Test End Date and Time	6/5/2018 13:02

Item	Value
Mode and Setting	
PDL and driver version	6.5.0.22695
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)
Color	Simplex	8.22
	Duplex	
B&W	Simplex	8.15
	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	7.94	7.94	8.77	8.22	48 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			23.75		76 Minutes
	Recovery Time			15.0		
	FPOT from Off - Simplex			236.37		
	Warm-up Time			227.60		
B&W Mode	FPOT from Ready - Simplex	7.65	8.29	8.50	8.15	48 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			22.63		76 Minutes
	Recovery Time			14.1		
	FPOT from Off - Simplex			236.23		
	Warm-up Time			227.73		

- 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	23.75	24.18	23.32	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	10.46	10.43	10.49	N/A	Adobe Reader	15 Minutes
	FPOT from Sleep	22.63	23.68	21.58	N/A	Adobe Reader	76 Minutes
B&W Mode	FPOT from Sleep (15 minutes) HP/Non ISO Test	9.99	9.82	10.16	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 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	6.5.0.22695

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

Full Detailed Test Report - A4

HP PageWide Managed Color MFP P77940 Series

Printing device and settings	
Test Start Date and Time	4/30/2018 7:55
Tester	RM
Machine name/model	HP PageWide Managed Color MFP P77940 Series
Colour or B&W	Colour
FW Version	2406029_028982
Configuration (options)	Default
Controller	unknown
Printing device page count	Not Specified
Printing supplies page count	Not Specified
Temperature and Humidity	71 degF / 22 degC 21.2 %rH
Voltage	110V
Test End Date and Time	6/5/2018 13:02

Item	Value	
Mode and Setting	PDL and driver version	6.5.0.22695
	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	8.09
	Duplex	
B&W	Simplex	8.24
	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	7.80	7.90	8.57	8.09	48 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			20.73		76 Minutes
	Recovery Time			12.2		
	FPOT from Off - Simplex			234.21		
	Warm-up Time			225.64		
B&W Mode	FPOT from Ready - Simplex	8.12	8.16	8.42	8.24	48 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			21.17		76 Minutes
	Recovery Time			12.8		
	FPOT from Off - Simplex			238.88		
	Warm-up Time			230.46		

- 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	20.73	21.07	20.39	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	10.39	10.32	10.46	N/A	Adobe Reader	15 Minutes
B&W Mode	FPOT from Sleep	21.17	21.83	20.51	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	9.81	9.79	9.83	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	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	6.5.0.22695

ISO/IEC 29183 Copy Productivity Report

Full Detailed Test Report - LETTER

HP PageWide Managed Color MFP P77940 Series

Machine Setup Information	
Test Start Date and Time	5/1/2018 13:59
Tester	RM
Machine name/model	HP PageWide Managed Color MFP P77940 Series
Colour or B&W	Colour
FW Version	2406029_028982
Configuration (options)	Not Specified
Temperature and Humidity	71 degF / 22 degC 21.2 %rH
Test End Date and Time:	5/9/2018 18:24

	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	10.80	41.21
B&W	10.27	41.21

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	10.80	5.55	31.40 23 sets	39.17 173 sets	41.21
	B					
	C					
	D					
	Average	10.80	5.55	31.40	39.17	41.21
B&W	A	10.27	5.84	31.38 23 sets	39.15 172 sets	41.21
	B					
	C					
	D					
	Average	10.27	5.84	31.38	39.15	41.21

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 PageWide Managed Color MFP P77940 Series

Machine Setup Information	
Test Start Date and Time	5/1/2018 13:59
Tester	RM
Machine name/model	HP PageWide Managed Color MFP P77940 Series
Colour or B&W	Colour
FW Version	2406029_028982
Configuration (options)	Not Specified
Temperature and Humidity	71 degF / 22 degC 21.2 %rH
Test End Date and Time:	5/9/2018 18:24

	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	10.54	41.25
B&W	9.09	41.25

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	
Colour	A	10.54	5.69	30.55 23 sets	39.22 172 sets	41.25
	B					
	C					
	D					
	Average	10.54	5.69	30.55	39.22	41.25
B&W	A	9.09	6.60	31.13 23 sets	39.08 173 sets	41.25
	B					
	C					
	D					
	Average	9.09	6.60	31.13	39.08	41.25

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 17991 Scanning Productivity Report

Full Detailed Test Report - LETTER

Machine Setup Information	
Test Start Date and Time	5/8/2018 11:29
Tester	RM
Machine name/model	HP PageWide Managed Color MFP P77940 Series
Colour or B&W	Colour
Configuration (options)	Default
Temperature and Humidity	71 degF / 22 degC 21.2 %rH
Voltage	110V
Test End Date and Time	5/9/2018 10:41

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

	File format version	Resolution	Scanning Mode		Measurement result
			Scanning side	scESAT 30secA (ipm)	
Colour	PDF 1.4	200	single sided	68.05	
			double sided	124.95	
B&W	PDF 1.4	200	single sided	67.23	
			double sided	132.80	

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

	File format version	Resolution	Scanning side	Measurement result		
				scEFTP 30secF (ipm)	File size 30secF (Mbyte)	Number of Sets (30secF)
Colour	PDF 1.4	200	single sided	49.48	3.57	10.00
			double sided	74.86	5.63	17.00
B&W	PDF 1.4	200	single sided	50.00	1.74	10.00
			double sided	69.11	3.18	18.00

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

	File format version	Resolution	Scanning side	Measurement result		
				scEFTP 1setA (ipm)	scEFTP 30secA (ipm)	scESAT 30secA (ipm)
Colour	PDF 1.4	200	single sided	32.91	62.07	68.05
			double sided	41.16	110.95	124.95
B&W	PDF 1.4	200	single sided	33.24	61.14	67.23
			double sided	42.21	119.09	132.8

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

	File format version	Resolution	Scanning side	Measurement result			
				scEFTP 1setF (ipm)	scEFTP 30secF (ipm)	File size 30secF (Mbyte)	Number of Sets (30secF)
Colour	PDF 1.4	200	single sided	19.23	49.48	3.57	10
			double sided	20.90	74.86	5.63	17
B&W	PDF 1.4	200	single sided	18.46	50.00	1.74	10
			double sided	22.90	69.11	3.18	18

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
	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	5/8/2018 11:29
Tester	RM
Machine name/model	HP PageWide Managed Color MFP P77940 Series
Colour or B&W	Colour
Configuration (options)	Default
Temperature and Humidity	71 degF / 22 degC 21.2 %rH
Voltage	110V
Test End Date and Time	5/9/2018 10:41

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	PDF 1.4	200	single sided	69.26
			double sided	128.19
B&W	PDF 1.4	200	single sided	68.81
			double sided	139.43

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	48.97	3.23	10.00
			double sided	75.13	6.33	18.00
B&W	PDF 1.4	200	single sided	51.61	1.60	10.00
			double sided	68.56	3.39	19.00

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	33.38	62.98	69.26
			double sided	42.40	114.7	128.19
B&W	PDF 1.4	200	single sided	33.01	62.83	68.81
			double sided	41.24	124.63	139.43

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	18.46	48.97	3.23	10
			double sided	21.80	75.13	6.33	18
B&W	PDF 1.4	200	single sided	19.23	51.61	1.60	10
			double sided	22.90	68.56	3.39	19

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
	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	5/8/2018 11:29
Tester	RM
Machine name/model	HP PageWide Managed Color MFP P77940 Series
Colour or B&W	Colour
Configuration (options)	Default
Temperature and Humidity	71 degF / 22 degC 21.2 %rH
Voltage	110V
Test End Date and Time	5/9/2018 10:41

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: Tabloid](#)

	Scanning Mode			Measurement result
	File format version	Resolution	Scanning side	scESAT 30secA (ipm)
Colour	PDF 1.4	200	single sided	38.20
			double sided	68.64
B&W	PDF 1.4	200	single sided	37.73
			double sided	75.35

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	26.47	3.39	6.00
			double sided	44.86	5.64	10.00
B&W	PDF 1.4	200	single sided	28.51	1.86	6.00
			double sided	38.83	3.37	11.00

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	23.90	34.92	38.2
			double sided	32.42	61.85	68.64
B&W	PDF 1.4	200	single sided	23.81	34.53	37.73
			double sided	32.54	67.05	75.35

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	14.55	26.47	3.39	6
			double sided	18.46	44.86	5.64	10
B&W	PDF 1.4	200	single sided	15.00	28.51	1.86	6
			double sided	17.80	38.83	3.37	11

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 - A3

Machine Setup Information	
Test Start Date and Time	5/8/2018 11:29
Tester	RM
Machine name/model	HP PageWide Managed Color MFP P77940 Series
Colour or B&W	Colour
Configuration (options)	Default
Temperature and Humidity	71 degF / 22 degC 21.2 %rH
Voltage	110V
Test End Date and Time	5/9/2018 10:41

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	39.17
			double sided	69.70
B&W	PDF 1.4	200	single sided	39.00
			double sided	76.88

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	28.23	3.46	6.00
			double sided	43.64	5.76	10.00
B&W	PDF 1.4	200	single sided	29.38	1.82	6.00
			double sided	37.70	3.32	11.00

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	24.43	35.71	39.17
			double sided	33.09	62.57	69.7
B&W	PDF 1.4	200	single sided	24.62	35.74	39
			double sided	34.51	68.85	76.88

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	15.00	28.23	3.46	6
			double sided	18.46	43.64	5.76	10
B&W	PDF 1.4	200	single sided	15.50	29.38	1.82	6
			double sided	18.46	37.70	3.32	11

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	