

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP PageWide Enterprise Color MFP 780 Series

Printing device and settings	
Test Start Date and Time	10/25/2017 13:55
Tester	AW
Machine name/model	HP PageWide Enterprise Color MFP 780 Series
Colour or B&W	Colour
FW Version	2405087 018548
Temperature and Humidity	72 degF / 22 degC 22.2 %RH
Voltage	110V
Test End Date and Time	10/25/2017 13:55

Item	Value
Driver Version	6.5.0.22695
Media/Quality Setting	Default / Default
Simplex B&W Settings	print in grayscale black only
Duplex B&W Settings	print in grayscale black only
Setting N set count	Application
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 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	12.07	46.30
	Duplex	22.81	31.84
B&W	Simplex	12.06	46.30
	Duplex	22.43	31.82

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) Print 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 + 30sec (# of sets)	1 set + 4min (# of sets)		
Color Mode	Simplex - Adobe Reader	12.63	19.01 (1 set)	37.93 (7 sets)	43.78 (48 sets)	46.33
	Simplex - Word	11.70	20.51 (1 set)	38.97 (7 sets)		46.24
	Simplex - Excel	11.88	20.21 (1 set)	38.69 (7 sets)		46.34
	Simplex - Average	12.07	19.91 (1 set)	38.53 (7 sets)	43.78 (48 sets)	46.30
	Duplex - Adobe Reader	23.45	10.22 (1 set)	23.48 (5 sets)		31.86
	Duplex - Word	22.28	10.76 (1 set)	25.02 (6 sets)		31.84
	Duplex - Excel	22.68	10.58 (1 set)	23.92 (5 sets)		31.84
	Duplex - Average	22.81	10.52 (1 set)	24.14 (5 sets)		31.84
B&W mode (optional for color device)	Simplex - Adobe Reader	12.57	19.09 (1 set)	38.32 (7 sets)	43.99 (48 sets)	46.30
	Simplex - Word	11.80	20.34 (1 set)	39.01 (7 sets)		46.32
	Simplex - Excel	11.81	20.32 (1 set)	38.43 (7 sets)		46.30
	Simplex - Average	12.06	19.91 (1 set)	38.58 (7 sets)	44.0 (48 sets)	46.30
	Duplex - Adobe Reader	22.66	10.58 (1 set)	23.80 (5 sets)		31.82
	Duplex - Word	22.44	10.68 (1 set)	24.86 (6 sets)		31.84
	Duplex - Excel	22.18	10.80 (1 set)	24.14 (5 sets)		31.82
	Duplex - Average	22.43	10.68 (1 set)	24.26 (5 sets)		31.82

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) Print 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	Built-in
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 PageWide Enterprise Color MFP 780 Series

Printing device and settings	
Test Start Date and Time	10/25/2017 13:55
Tester	AW
Machine name/model	HP PageWide Enterprise Color MFP 780 Series
Colour or B&W	Colour
FW Version	2405087 018548
Temperature and Humidity	72 degF / 22 degC 22.2 %RH
Voltage	110V
Test End Date and Time	10/25/2017 13:55

Item	Value
Driver Version	6.5.0.22695
Media/Quality Setting	Default / Default
Simplex B&W Settings	print in grayscale black only
Duplex B&W Settings	print in grayscale black only
Setting N set count	Application
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 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	12.24	46.34
	Duplex	22.65	31.83
B&W	Simplex	12.13	46.34
	Duplex	22.27	31.84

Notes
 1) All printing device and driver settings were default mode.
 2) For the B/W results, the print driver was set to "print in B/W".
 3) For more information see <http://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 + 30sec (1 set)	1 set + 4min (# of sets)		
Colour Mode	Simplex - Adobe Reader	12.65	18.97 (1 set)	37.47 (7 sets)	43.91 (48 sets)	46.37
	Simplex - Word	11.84	20.26 (1 set)	38.92 (7 sets)	43.91 (48 sets)	46.32
	Simplex - Excel	12.22	19.64 (1 set)	38.91 (7 sets)	43.91 (48 sets)	46.33
	Simplex - Average	12.24	19.62 (1 set)	38.43 (7 sets)	43.91 (48 sets)	46.34
	Duplex - Adobe Reader	23.32	10.28 (1 set)	23.42 (5 sets)	24.10 (48 sets)	31.82
	Duplex - Word	22.26	10.76 (1 set)	24.10 (5 sets)	23.98 (48 sets)	31.84
	Duplex - Excel	22.36	10.72 (1 set)	23.98 (5 sets)	23.83 (48 sets)	31.84
	Duplex - Average	22.7	10.58 (1 set)	23.83 (5 sets)	24.11 (48 sets)	31.83
B&W mode (optional for color device)	Simplex - Adobe Reader	12.39	19.37 (1 set)	38.28 (7 sets)	44.77 (48 sets)	46.37
	Simplex - Word	12.10	19.84 (1 set)	38.69 (7 sets)	44.8 (48 sets)	46.35
	Simplex - Excel	11.88	20.20 (1 set)	38.92 (7 sets)	44.8 (48 sets)	46.32
	Simplex - Average	12.1	19.80 (1 set)	38.63 (7 sets)	44.8 (48 sets)	46.34
	Duplex - Adobe Reader	22.62	10.60 (1 set)	23.88 (5 sets)	24.34 (48 sets)	31.84
	Duplex - Word	22.07	10.86 (1 set)	24.34 (5 sets)	24.12 (48 sets)	31.84
	Duplex - Excel	22.12	10.84 (1 set)	24.12 (5 sets)	24.11 (48 sets)	31.84
	Duplex - Average	22.3	10.76 (1 set)	24.11 (5 sets)	24.11 (48 sets)	31.84

Notes
 1) All printing device and driver settings were default mode.
 2) For the B/W results, the print driver was set to "print in B/W".
 3) For more information see <http://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	Built-in
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 Enterprise Color MFP 780 Series

Printing device and settings	
Test Start Date and Time	10/25/2017 13:55
Tester	AW
Machine name/model	HP PageWide Enterprise Color MFP 780 Series
Colour or B&W	Colour
FW Version	2405087 018548
Temperature and Humidity	72 degF / 22 degC 22.2 %RH
Voltage	110V
Test End Date and Time	10/25/2017 13:55

Item	Value
Driver Version	6.5.0.22695
Media/Quality Setting	Default / Default
Simplex B&W Settings	print in grayscale black only
Duplex B&W Settings	print in grayscale black only
Setting N set count	Application
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 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	12.07	23.09
	Duplex	22.81	11.98
B&W	Simplex	18.47	23.09
	Duplex	28.37	11.98

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) Print 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 + 30sec (# of sets)	1 set + 4min (# of sets)		
Color Mode	Simplex - Adobe Reader	19.50	12.30 (1 set)	18.78 (4 sets)	22.25 (25 sets)	23.09
	Simplex - Word	18.32	13.11 (1 set)	19.21 (4 sets)		23.09
	Simplex - Excel	18.16	13.21 (1 set)	19.29 (4 sets)		23.09
	Simplex - Average	18.66	12.87 (1 set)	19.09 (4 sets)	22.25 (25 sets)	23.09
	Duplex - Adobe Reader	29.43	8.14 (1 set)	10.26 (3 sets)		11.98
	Duplex - Word	28.58	8.38 (1 set)	10.50 (3 sets)		11.98
	Duplex - Excel	28.07	8.54 (1 set)	10.48 (3 sets)		11.98
	Duplex - Average	28.70	8.35 (1 set)	10.41 (3 sets)		11.98
B&W mode (optional for color device)	Simplex - Adobe Reader	19.44	12.34 (1 set)	18.91 (4 sets)	22.28 (25 sets)	23.09
	Simplex - Word	17.80	13.48 (1 set)	19.49 (4 sets)		23.09
	Simplex - Excel	18.16	13.22 (1 set)	19.39 (4 sets)		23.09
	Simplex - Average	18.47	13.01 (1 set)	19.26 (4 sets)	22.28 (25 sets)	23.09
	Duplex - Adobe Reader	28.87	8.30 (1 set)	10.34 (3 sets)		11.98
	Duplex - Word	28.19	8.50 (1 set)	10.58 (3 sets)		11.98
	Duplex - Excel	28.03	8.56 (1 set)	10.58 (3 sets)		11.98
	Duplex - Average	28.37	8.45 (1 set)	10.50 (3 sets)		11.98

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) Print 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	Builitin
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 Enterprise Color MFP 780 Series

Printing device and settings		
Test Start Date and Time	10/25/2017 13:55	
Tester	AW	
Machine name/model	HP PageWide Enterprise Color MFP 780 Series	
Colour or B&W	Colour	
FW Version	2405087 018548	
Temperature and Humidity	72 degF / 22 degC 22.2 %RH	
Voltage	110V	
Test End Date and Time	10/25/2017 13:55	

Item	Value	
Mode and Setting	Driver Version	6.5.0.22695
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	print in grayscale black only
	Duplex B&W Settings	print in grayscale black only
	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: A3			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	12.07	23.09
	Duplex	22.81	11.98
B&W	Simplex	18.55	23.08
	Duplex	28.34	11.98

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 + 30sec (1 set)	1 set + 4min (# of sets)			
Color Mode	Simplex - Adobe Reader	19.96	12.03 (1 set)	18.75 (4 sets)	21.85 (25 sets)	23.09	
	Simplex - Word	18.30	13.11 (1 set)	19.43 (4 sets)		23.10	
	Simplex - Excel	18.38	13.05 (1 set)	19.41 (4 sets)		23.09	
	Simplex - Average	18.88	12.73 (1 set)	19.19 (4 sets)	21.85	23.09	
	Duplex - Adobe Reader	29.30	8.18 (1 set)	10.30 (3 sets)		11.98	
	Duplex - Word	28.25	8.48 (1 set)	10.44 (3 sets)		11.98	
	Duplex - Excel	28.09	8.54 (1 set)	10.40 (3 sets)		11.98	
	Duplex - Average	28.55	8.40 (1 set)	10.38 (3 sets)		11.98	
	B&W mode (optional for color device)	Simplex - Adobe Reader	19.21	12.49 (1 set)	18.84 (4 sets)	22.22 (25 sets)	23.09
		Simplex - Word	18.17	13.20 (1 set)	19.55 (4 sets)		23.08
Simplex - Excel		18.25	13.15 (1 set)	19.40 (4 sets)		23.09	
Simplex - Average		18.55	12.94 (1 set)	19.26 (4 sets)	22.22	23.08	
Duplex - Adobe Reader		29.14	8.24 (1 set)	10.38 (3 sets)		11.98	
Duplex - Word		28.12	8.52 (1 set)	10.56 (3 sets)		11.98	
Duplex - Excel		27.75	8.64 (1 set)	10.58 (3 sets)		11.98	
Duplex - Average		28.34	8.46 (1 set)	10.50 (3 sets)		11.98	

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	Builitin
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 Enterprise Color MFP 780 Series

Printing device and settings		
Item	Value	
Test Start Date and Time	10/25/2017 13:55	
Tester	AW	
Machine name/model	HP PageWide Enterprise Color MFP 780 Series	
Colour or B&W	Colour	
FW Version	2405087 018548	
Temperature and Humidity	72 degF / 22 degC 22.2 %RH	
Voltage	110V	
Test End Date and Time	10/25/2017 13:55	
Mode and Setting		
Item	Value	
Driver Version	6.5.0.22695	
Media/Quality Setting	Default / Default	
Simplex B&W Settings	print in grayscale black only	
Duplex B&W Settings	print in grayscale black only	
Setting N set count	Application	
Collating function	Activated (application)	
Paper Path		
Item	Value	
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		
Item	Value	
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	109%	100%
A5, Portrait Feed, Simplex, Colour	Simplex		
Legal, Simplex, Colour	Simplex	127%	69%
Legal, Duplex, Colour	Duplex	97%	58%
A4, General Office, Simplex, Colour	Simplex	134%	142%
Letter, General Office, Simplex, Colour	Simplex	211%	142%
A5, Landscape Feed, Simplex, B/W	Simplex	102%	99%
A5, Portrait Feed, Simplex, B/W	Simplex		
Legal, Simplex, B/W	Simplex	119%	69%
Legal, Duplex, B/W	Duplex	94%	57%
A4, General Office, Simplex, B/W	Simplex	136%	142%
Letter, General Office, Simplex, B/W	Simplex	198%	142%

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

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

Printing Modes Feature Adobe Reader - Office test file (8-page)	Base Printing Mode		Feature Performance			
	FSOT Base	ESAT Base	1 set FSOT (secs)	1 set + 30 sec ESAT (ipm)	FSOT (base) FSOT (feature)	ESAT (feature) ESAT (base)
A5, Landscape Feed, Simplex, Colour	18.84	46.34	17.34	46.4	109%	100%
A5, Portrait Feed, Simplex, Colour	18.84	46.34				
Legal, Simplex, Colour	29.16	46.13	22.98	32.1	127%	69%
Legal, Duplex, Colour	29.16	46.13	30.32	26.9	97%	58%
A4, General Office, Simplex, Colour	18.84	46.34	14.06	66.0	134%	142%
Letter, General Office, Simplex, Colour	29.16	46.13	13.82	65.8	211%	142%
A5, Landscape Feed, Simplex, B/W	18.13	46.34	17.87	46.3	102%	99%
A5, Portrait Feed, Simplex, B/W	18.13	46.34				
Legal, Simplex, B/W	27.71	46.34	23.46	32.0	119%	69%
Legal, Duplex, B/W	27.71	46.34	29.67	26.6	94%	57%
A4, General Office, Simplex, B/W	18.13	46.34	13.39	66.0	136%	142%
Letter, General Office, Simplex, B/W	27.71	46.34	14.06	65.9	198%	142%

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
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 DH18aC5HR ATA
I/O Subsystem	Built-in
USB Subsystem	USB 2.0/3.0
I/O	TCP/IP 10/100
Operating System	Windows 7 64 Bit
Printing Applications	Microsoft Office 2010
Microsoft Office	Office 2010
Adobe Reader	10
Test files and location	Office category files, hard drive

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

Full Detailed Test Report - LETTER

HP PageWide Enterprise Color MFP 780 Series

Printing device and settings	
Test Start Date and Time	10/25/2017 13:55
Tester	AW
Machine name/model	HP PageWide Enterprise Color MFP 780 Series
Colour or B&W	Colour
FW Version	2405087_018548
Configuration (options)	Default
Controller	unknown
Printing device page count	Not Specified
Printing supplies page count	Not Specified
Temperature and Humidity	72 degF / 22 degC 22.2 %rH
Voltage	110V
Test End Date and Time	10/25/2017 13:55

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	6.97
	Duplex	
B&W	Simplex	6.79
	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	6.64	6.86	7.39	6.97	49 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			23.51		76 Minutes
	Recovery Time			16.1		
	FPOT from Off - Simplex			183.93		
	Warm-up Time			176.54		
B&W Mode	FPOT from Ready - Simplex	6.53	6.75	7.07	6.79	49 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			23.05		76 Minutes
	Recovery Time			16.0		
	FPOT from Off - Simplex			182.44		
	Warm-up Time			175.37		

- 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	23.51	23.21	23.81	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	16.87	16.91	16.83	N/A	Adobe Reader	15 Minutes
B&W Mode	FPOT from Sleep	23.05	23.09	23.01	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	17.44	17.41	17.47	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 Memory
	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	
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 Enterprise Color MFP 780 Series

Printing device and settings	
Test Start Date and Time	10/25/2017 13:55
Tester	AW
Machine name/model	HP PageWide Enterprise Color MFP 780 Series
Colour or B&W	Colour
FW Version	2405087_018548
Configuration (options)	Default
Controller	unknown
Printing device page count	Not Specified
Printing supplies page count	Not Specified
Temperature and Humidity	72 degF / 22 degC 22.2 %rH
Voltage	110V
Test End Date and Time	10/25/2017 13:55

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	6.95
	Duplex	
B&W	Simplex	6.76
	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	6.59	6.83	7.42	6.95	49 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			28.20		76 Minutes
	Recovery Time			20.8		
	FPOT from Off - Simplex			183.66		
	Warm-up Time			176.24		
B&W Mode	FPOT from Ready - Simplex	6.51	6.66	7.09	6.76	49 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			26.83		76 Minutes
	Recovery Time			19.7		
	FPOT from Off - Simplex			184.55		
	Warm-up Time			177.46		

- 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	28.20	28.23	28.17	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes)	17.32	17.24	17.39	N/A	Adobe Reader	15 Minutes
	HP/Non ISO Test						
B&W Mode	FPOT from Sleep	26.83	26.69	26.96	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes)	17.49	17.94	17.03	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	6.5.0.22695

ISO/IEC 29183 Copy Productivity Report

Full Detailed Test Report - LETTER

HP PageWide Enterprise Color MFP 780 Series

Machine Setup Information	
Test Start Date and Time	11/2/2017 12:15
Tester	AW
Machine name/model	HP PageWide Enterprise Color MFP 780 Series
Colour or B&W	Colour
FW Version	2405087_018548
Configuration (options)	Not Specified
Temperature and Humidity	72 degF / 22 degC 22.2 %rH
Test End Date and Time:	11/3/2017 16:31

	Pre-set Item	Pre-set Value
Mode	Output Resolution	Default
	Output Quality	Default
	Copying Mode	Colour for Colour and B&W for B&W
	Auto Density Adjustment	Default
	Collating function	Set in Control Panel
Paper	Paper Sending Direction	Default
	Paper Type Setting	Default
Paper Path	Paper Feeding	Tray 2
	Paper Exit	Default
	Face Up Exit	Default (face down)
Temporary Stop	Fixing Capability	Default
	Image Quality Stability	Default
	Capacity of Paper	Default
	Others	None
Paper	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: Letter		
	sFCOT	sESAT (ipm)
Color	9.87	46.36
B&W	9.39	46.41

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

Detailed Report: LETTER						
	Target	sFCOT (secs)	sEFTP (ipm)			sESAT (ipm)
			1copy	1copy+30sec	1copy+4minutes	
Color	A	9.87	6.08	35.21 26 sets	43.90 194 sets	46.36
	B					
	C					
	D					
	Average	9.87	6.08	35.21	43.90	46.36
B&W	A	9.39	6.39	34.88 25 sets	43.64 190 sets	46.41
	B					
	C					
	D					
	Average	9.39	6.39	34.88	43.64	46.41

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 Enterprise Color MFP 780 Series

Machine Setup Information	
Test Start Date and Time	11/2/2017 12:15
Tester	AW
Machine name/model	HP PageWide Enterprise Color MFP 780 Series
Colour or B&W	Colour
FW Version	2405087_018548
Configuration (options)	Not Specified
Temperature and Humidity	72 degF / 22 degC 22.2 %rH
Test End Date and Time:	11/3/2017 16:31

	Pre-set Item	Pre-set Value
Mode	Output Resolution	Default
	Output Quality	Default
	Copying Mode	Colour for Colour and B&W for B&W
	Auto Density Adjustment	Default
	Collating function	Set in Control Panel
Paper	Paper Sending Direction	Default
	Paper Type Setting	Default
Paper Path	Paper Feeding	Tray 2
	Paper Exit	Default
	Face Up Exit	Default (face down)
Temporary Stop	Fixing Capability	Default
	Image Quality Stability	Default
	Capacity of Paper	Default
	Others	None
Paper	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: A4		
	sFCOT	sESAT (ipm)
Colour	9.11	46.42
B&W	9.16	46.42

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

Detailed Report: A4						
	Target	sFCOT (secs)	sEFTP (ipm)			sESAT (ipm)
			1copy	1copy+30sec	1copy+4minutes	
Colour	A	9.11	6.58	35.46 26 sets	44.17 197 sets	46.42
	B					
	C					
	D					
	Average	9.11	6.58	35.46	44.17	46.42
B&W	A	9.16	6.55	35.55 26 sets	43.99 200 sets	46.42
	B					
	C					
	D					
	Average	9.16	6.55	35.55	43.99	46.42

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	11/3/2017 17:15
Tester	AW
Machine name/model	HP PageWide Enterprise Color MFP 780 Series
Colour or B&W	Colour
FW Version	2405087_018548
Configuration (options)	Not Specified
Temperature and Humidity	72 degF / 22 degC 22.2 %rH
Test End Date and Time:	11/8/2017 16:11
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	14.40	16.67	35.42	44.34	46.30
			(1 set)	7 sets	48 sets	
	1:2	26.72	8.96	21.68	44.34	31.84
			(1 set)	5 sets	48 sets	
	2:2	27.41	8.76	20.80	44.34	31.84
			(1 set)	5 sets	48 sets	
B&W mode	1:1	16.60	14.45	36.40	42.86	46.29
				7 sets	48 sets	
	1:2	25.10	9.54	22.16	44.34	31.84
				5 sets	48 sets	
	2:2	25.17	9.52	20.14	44.34	31.84
				5 sets	48 sets	
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	11/3/2017 17:15
Tester	AW
Machine name/model	HP PageWide Enterprise Color MFP 780 Series
Colour or B&W	Colour
FW Version	2405087_018548
Configuration (options)	Not Specified
Temperature and Humidity	72 degF / 22 degC 22.2 %rH
Test End Date and Time:	11/8/2017 16:11
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	15.78	15.22	35.60	44.30	46.35
			(1 set)	7 sets	48 sets	
	1:2	25.71	9.32	22.92	XXXXXX	31.86
			(1 set)	6 sets	XXXXXX	
	2:2	26.73	8.96	22.02	XXXXXX	31.86
			(1 set)	5 sets	XXXXXX	
B&W mode	1:1	15.70	15.28	35.53	44.37	46.33
				7 sets	48 sets	
	1:2	25.46	9.42	22.42	XXXXXX	31.84
				5 sets	XXXXXX	
	2:2	24.76	9.68	22.28	XXXXXX	31.84
				5 sets	XXXXXX	
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	11/9/2017 14:01
Tester	AW
Machine name/model	HP PageWide Enterprise Color MFP 780 Series
Colour or B&W	Colour
Configuration (options)	Default
Temperature and Humidity	72 degF / 22 degC 22.2 %rH
Voltage	110V
Test End Date and Time	11/10/2017 15:56

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

	File format version	Resolution	Scanning Mode	Measurement result
			Scanning side	scESAT 30secA (ipm)
Colour	pdf 1.4	200	single sided	98.14
			double sided	193.29
B&W	pdf 1.4	200	single sided	98.45
			double sided	193.04

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 Mode	Measurement result		
			Scanning side	scEFTP 30secF (ipm)	File size 30secF (Mbyte)	Number of Sets (30secF)
Colour	pdf 1.4	200	single sided	67.88	5.64	14.00
			double sided	90.42	10.85	26.00
B&W	pdf 1.4	200	single sided	74.70	2.62	14.00
			double sided	80.00	4.79	26.00

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 Mode	Measurement result		
			Scanning side	scEFTP 1setA (ipm)	scEFTP 30secA (ipm)	scESAT 30secA (ipm)
Colour	pdf 1.4	200	single sided	37.82	87.62	98.14
			double sided	49.78	173.83	193.29
B&W	pdf 1.4	200	single sided	41.72	89.53	98.45
			double sided	50.52	170.76	193.04

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 Mode	Measurement result			
			Scanning side	scEFTP 1setF (ipm)	scEFTP 30secF (ipm)	File size 30secF (Mbyte)	Number of Sets (30secF)
Colour	pdf 1.4	200	single sided	25.33	67.88	5.64	14
			double sided	26.66	90.42	10.85	26
B&W	pdf 1.4	200	single sided	28.33	74.70	2.62	14
			double sided	25.33	80.00	4.79	26

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	11/9/2017 14:01
Tester	AW
Machine name/model	HP PageWide Enterprise Color MFP 780 Series
Colour or B&W	Colour
Configuration (options)	Default
Temperature and Humidity	72 degF / 22 degC 22.2 %rH
Voltage	110V
Test End Date and Time	11/10/2017 15:56

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: A4

	Scanning Mode			Measurement result
	File format version	Resolution	Scanning side	scESAT 30secA (ipm)
Colour	pdf 1.4	200	single sided	100.06
			double sided	196.97
B&W	pdf 1.4	200	single sided	100.57
			double sided	194.35

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: 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	70.00	5.22	14.00
			double sided	93.12	9.73	26.00
B&W	pdf 1.4	200	single sided	71.52	2.63	14.00
			double sided	78.98	4.59	26.00

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	37.73	90.34	100.06
			double sided	46.70	176.2	196.97
B&W	pdf 1.4	200	single sided	37.88	89.34	100.57
			double sided	48.67	174.08	194.35

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: 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	26.66	70.00	5.22	14
			double sided	26.66	93.12	9.73	26
B&W	pdf 1.4	200	single sided	26.66	71.52	2.63	14
			double sided	26.66	78.98	4.59	26

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	11/9/2017 14:01
Tester	AW
Machine name/model	HP PageWide Enterprise Color MFP 780 Series
Colour or B&W	Colour
Configuration (options)	Default
Temperature and Humidity	72 degF / 22 degC 22.2 %rH
Voltage	110V
Test End Date and Time	11/10/2017 15:56

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	53.08
			double sided	111.92
B&W	pdf 1.4	200	single sided	53.16
			double sided	120.24

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".

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	35.22	6.80	8.00
			double sided	50.70	11.08	15.00
B&W	pdf 1.4	200	single sided	40.00	2.99	8.00
			double sided	44.58	5.59	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	pdf 1.4	200	single sided	30.37	48.03	53.08
			double sided	39.04	100.48	111.92
B&W	pdf 1.4	200	single sided	29.49	48.61	53.16
			double sided	43.08	108.71	120.24

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".

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	20.90	35.22	6.80	8
			double sided	21.00	50.70	11.08	15
B&W	pdf 1.4	200	single sided	20.00	40.00	2.99	8
			double sided	20.00	44.58	5.59	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	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	11/9/2017 14:01
Tester	AW
Machine name/model	HP PageWide Enterprise Color MFP 780 Series
Colour or B&W	Colour
Configuration (options)	Default
Temperature and Humidity	72 degF / 22 degC 22.2 %rH
Voltage	110V
Test End Date and Time	11/10/2017 15:56

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	pdf 1.4	200	single sided	54.59
			double sided	113.47
B&W	pdf 1.4	200	single sided	54.80
			double sided	122.54

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	38.02	5.51	8.00
			double sided	51.90	10.12	16.00
B&W	pdf 1.4	200	single sided	39.18	2.80	8.00
			double sided	44.10	5.27	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: 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	26.10	49.43	54.59
			double sided	44.11	102.08	113.47
B&W	pdf 1.4	200	single sided	30.82	49.59	54.8
			double sided	42.81	110.05	122.54

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	18.57	38.02	5.51	8
			double sided	22.90	51.90	10.12	16
B&W	pdf 1.4	200	single sided	20.90	39.18	2.80	8
			double sided	19.23	44.10	5.27	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".

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Others	No use	