

**ISO/IEC 24734 Printing Productivity Report: Office Category**

Full Detailed Test Report - LETTER  
HP Color LaserJet MFP E77825

Printing device and settings		
Test Start Date and Time	3/29/2017 8:51	
Tester	TQW	
Machine name/model	HP Color LaserJet MFP E77825	
Colour or B&W	Colour	
FW Version	2403293_005974	
Temperature and Humidity	74 degF / 23 degC 20.2 %rH	
Voltage	110V	
Test End Date and Time	8/10/2017 10:03	

Item	Value	
Mode and Setting	Driver Version	6.4.0.22070
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Black Only
	Duplex B&W Settings	Black Only
	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 / HP / HP
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4 / A3
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: Letter			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	18.2	25.2
	Duplex	28.6	18.9
B&W	Simplex	16.2	25.2
	Duplex	26.4	18.9

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) For monitor not configured to follow device if the IP address changes.

Detailed Report: LETTER						
	Office Category Test	FSOT (secs)		EFTP (ipm)		ESAT (ipm)
		1 set only (1 set)	1 set only (1 set)	1 set + 30sec (# of sets)	1 set + 4min (# of sets)	1 set + 30sec
Color Mode	Simplex - Adobe Reader	18.36	13.06 (1 set)	21.03 (5 sets)	17.04 (27 sets)	25.21
	Simplex - Word	18.09	13.27 (1 set)	21.43 (5 sets)		25.20
	Simplex - Excel	17.92	13.39 (1 set)	21.42 (5 sets)		25.21
	Simplex - Average	18.2	13.2	21.2	17.0	25.2
	Duplex - Adobe Reader	29.55	8.12 (1 set)	14.92 (5 sets)		18.96
	Duplex - Word	28.32	8.46 (1 set)	15.00 (5 sets)		18.98
	Duplex - Excel	27.91	8.60 (1 set)	15.14 (5 sets)		18.98
	Duplex - Average	28.6	8.3	15.0		18.9
B&W mode (optional for color device)	Simplex - Adobe Reader	16.39	14.64 (1 set)	21.99 (5 sets)	13.07 (27 sets)	25.21
	Simplex - Word	16.07	14.94 (1 set)	22.18 (5 sets)		25.21
	Simplex - Excel	15.97	15.02 (1 set)	22.07 (5 sets)		25.21
	Simplex - Average	16.2	14.8	22.0	13.0	25.2
	Duplex - Adobe Reader	26.62	9.00 (1 set)	15.26 (5 sets)		18.98
	Duplex - Word	26.10	9.18 (1 set)	15.46 (5 sets)		18.98
	Duplex - Excel	26.28	9.12 (1 set)	15.52 (5 sets)		18.98
	Duplex - Average	26.4	9.1	15.4		18.9

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) For 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 8350
Optical Drive	HP DVD A DH16aCSHR ATA
I/O Subsystem	Builtin
USB Subsystem	USB 2.0/3.0
TCP/IP	TCP/IP 10/1000
Operating System	Windows 7 64 Bit
Printing Applications	Microsoft Office 2010
Microsoft Office	Office 2010
Adobe Reader	10
Test files and location	Office category files, hard drive

**ISO/IEC 24734 Printing Productivity Report: Office Category**

**Full Detailed Test Report - A4**

HP Color LaserJet MFP E77825

**Printing device and settings**

Test Start Date and Time	3/29/2017 8:51
Tester	TOW
Machine name/model	HP Color LaserJet MFP E77825
Colour or B&W	Colour
FW Version	2403293_005974
Temperature and Humidity	74 degF / 23 degC 20.2 %rH
Voltage	110V
Test End Date and Time	8/10/2017 10:03

Item	Value
Mode and Setting	Driver Version 6.4.0.22070
	Media/Quality Setting Default / Default
	Simplex B&W Settings Black Only
	Duplex B&W Settings Black Only
	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 / HP / HP
	Paper Weight 20lb / 75 g/m2
	Paper Size Letter / A4 / A3
	Paper type/name HP Multipurpose Ultra White / HP Office

**Summary Report: A4**

Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Colour	Simplex	18.0	25.2
	Duplex	28.6	19.0
B&W	Simplex	16.2	25.2
	Duplex	25.9	19.0

**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 (# of sets)	1 set + 4min (# of sets)		
Colour Mode	Simplex - Adobe Reader	18.28	13.13 (1 set)	21.09 (5 sets)	13.30 (27 sets)	25.20
	Simplex - Word	17.76	13.51 (1 set)	21.42 (5 sets)		25.21
	Simplex - Excel	17.83	13.45 (1 set)	21.35 (5 sets)		25.21
	Simplex - Average	18.0	13.3	21.2	13.3	25.2
	Duplex - Adobe Reader	28.92	8.28 (1 set)	14.88 (5 sets)		19.04
	Duplex - Word	28.03	8.54 (1 set)	14.34 (4 sets)		19.02
	Duplex - Excel	28.71	8.36 (1 set)	14.34 (4 sets)		19.04
	Duplex - Average	28.6	8.3	14.5		19.0
B&W mode (optional for color device)	Simplex - Adobe Reader	16.43	14.60 (1 set)	22.02 (5 sets)	14.46 (27 sets)	25.21
	Simplex - Word	15.90	15.09 (1 set)	22.21 (5 sets)		25.21
	Simplex - Excel	16.15	14.85 (1 set)	22.11 (5 sets)		25.21
	Simplex - Average	16.2	14.8	22.1	14.4	25.2
	Duplex - Adobe Reader	26.32	9.10 (1 set)	15.36 (5 sets)		19.04
	Duplex - Word	25.64	9.34 (1 set)	15.58 (5 sets)		19.04
	Duplex - Excel	25.62	9.36 (1 set)	15.60 (5 sets)		19.04
	Duplex - Average	25.9	9.2	15.5		19.0

**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 Color LaserJet MFP E77825

Printing device and settings		
Test Start Date and Time	3/29/2017 8:51	
Tester	TOW	
Machine name/model	HP Color LaserJet MFP E77825	
Colour or B&W	Colour	
FW Version	2403293_005974	
Temperature and Humidity	74 degF / 23 degC 20.2 %rH	
Voltage	110V	
Test End Date and Time	8/10/2017 10:03	

Item	Value	
Mode and Setting	Driver Version	6.4.0.22070
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Black Only
	Duplex B&W Settings	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 / HP / HP
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4 / A3
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: Tabloid			
Office Category	Test for Color Device	FSOT (seconds)	ESAT (ipm)
Color	Simplex	18.2	14.2
	Duplex	28.6	11.1
B&W	Simplex	24.7	14.2
	Duplex	34.0	11.3

Notes

- 1) All printing device and driver settings were default mode.
- 2) For the B/W results, the print driver was set to "print in B/W".
- 3) For more information see <http://www.hp.com/go/printerclaims>.
- 4) Port monitor not configured to follow device if the IP address changes.

Detailed Report: 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	26.77	8.96	11.84	10.18	14.28	
			( 1 set )	( 3 sets )	( 16 sets )		
	Simplex - Word	25.69	9.34	12.14		14.28	
			( 1 set )	( 3 sets )			
	Simplex - Excel	25.66	9.35	12.10		14.28	
			( 1 set )	( 3 sets )			
	Simplex - Average	26.1	9.2	12.0	10.1	14.2	
	Duplex - Adobe Reader	48.29		5.18	8.22		11.18
( 1 set )				( 3 sets )			
Duplex - Word	36.09		6.64	8.46		11.18	
			( 1 set )	( 3 sets )			
Duplex - Excel	35.88		6.68	7.90		11.18	
			( 1 set )	( 3 sets )			
Duplex - Average	40.1		6.1	8.1		11.1	
B&W mode (optional for color device)	Simplex - Adobe Reader	25.16	9.53	12.15	13.10	14.28	
			( 1 set )	( 3 sets )	( 19 sets )		
	Simplex - Word	24.28		9.88	12.41		14.27
				( 1 set )	( 3 sets )		
	Simplex - Excel	24.41		9.83	12.45		14.28
				( 1 set )	( 3 sets )		
	Simplex - Average	24.7		9.7	12.3	13.1	14.2
	Duplex - Adobe Reader	35.20		6.80	8.16		11.36
( 1 set )				( 3 sets )			
Duplex - Word	33.46		7.16	8.76		11.36	
			( 1 set )	( 3 sets )			
Duplex - Excel	33.26		7.20	8.82		11.46	
			( 1 set )	( 3 sets )			
Duplex - Average	34.0		7.0	8.5		11.3	

Notes

- 1) All printing device and driver settings were default mode.
- 2) For the B/W results, the print driver was set to "print in B/W".
- 3) For more information see <http://www.hp.com/go/printerclaims>.
- 4) Port monitor not configured to follow device if the IP address changes.

Test System Parameters	
Item	Value
Computer	HP Compaq Elite 8300 Small Form Factor
Processor	Intel Core i7 -3770, 3.4 GHz
System Chip Set	Intel C216 Chipset Family SMBus Host Controller
System Board	system devices, default system BIOS
System Memory	4 GB
Hard Drive Subsystem	Standard disk drive (Seagate)
Video Subsystem	AMD Radeon HD 6350
Optical Drive	HP DVD A DH16aCSHR ATA
I/O Subsystem	BuiltIn
USB Subsystem	USB 2.0/3.0
TCP/IP	TCP/IP 10/1000
Operating System	Windows 7 64 Bit
Printing Applications	Microsoft Office 2010
Microsoft Office	Office 2010
Adobe Reader	10
Test files and location	Office category files, hard drive

**ISO/IEC 24734 Printing Productivity Report: Office Category**

**Full Detailed Test Report - A3**

HP Color LaserJet MFP E77825

Printing device and settings		
Test Start Date and Time	3/29/2017 8:51	
Tester	TGW	
Machine name/model	HP Color LaserJet MFP E77825	
Colour or B&W	Colour	
FW Version	2403293_005974	
Temperature and Humidity	74 degF / 23 degC 20.2 %rH	
Voltage	110V	
Test End Date and Time	8/10/2017 10:03	

Item	Value	
Mode and Setting	Driver Version	6.4.0.22070
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Black Only
	Duplex B&W Settings	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 / HP / HP
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4 / A3
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: A3			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	18.2	14.2
	Duplex	28.6	11.2
B&W	Simplex	24.6	14.2
	Duplex	34.2	10.9

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	26.53	9.04 ( 1 set )	11.90 ( 3 sets )	8.73 ( 16 sets )	14.27
	Simplex - Word	25.41	9.44 ( 1 set )	12.13 ( 3 sets )		14.28
	Simplex - Excel	25.28	9.49 ( 1 set )	12.19 ( 3 sets )		14.28
	Simplex - Average	25.8	9.3	12.0	8.7	14.2
	Duplex - Adobe Reader	38.42	6.24 ( 1 set )	8.30 ( 3 sets )		11.24
	Duplex - Word	36.68	6.54 ( 1 set )	8.52 ( 3 sets )		11.26
	Duplex - Excel	35.67	6.72 ( 1 set )	8.54 ( 3 sets )		11.26
	Duplex - Average	37.0	6.5	8.4		11.2
B&W mode (optional for color device)	Simplex - Adobe Reader	25.05	9.58 ( 1 set )	12.19 ( 3 sets )	12.81 ( 19 sets )	14.28
	Simplex - Word	24.23	9.90 ( 1 set )	11.82 ( 4 sets )		14.28
	Simplex - Excel	24.25	9.89 ( 1 set )	12.42 ( 3 sets )		14.29
	Simplex - Average	24.6	9.7	12.1	12.8	14.2
	Duplex - Adobe Reader	35.08	6.82 ( 1 set )	8.92 ( 4 sets )		10.96
	Duplex - Word	33.33	7.18 ( 1 set )	9.14 ( 4 sets )		10.94
	Duplex - Excel	33.90	7.08 ( 1 set )	9.10 ( 4 sets )		10.96
	Duplex - Average	34.2	7.0	9.0		10.9

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**

**Feature Performance Full Report - Office Feature Performance Test**

HP Color LaserJet MFP E77825

**Printing device and settings**

Test Start Date and Time	3/29/2017 8:51
Tester	TQW
Machine name/model	HP Color LaserJet MFP E77825
Colour or B&W	Colour
FW Version	2403293_005974
Temperature and Humidity	74 degF / 23 degC 20.2 %rH
Voltage	110V
Test End Date and Time	8/10/2017 10:03

Item	Value
Driver Version	6.4.0.22070
Media/Quality Setting	Default / Default
Simplex B&W Settings	Black Only
Duplex B&W Settings	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 / HP / HP
Paper Weight	20lb / 75 g/m2
Paper Size	Letter / A4 / A3
Paper type/name	HP Multipurpose Ultra White / HP Office

**ISO Print Productivity Report: Feature Performance Test Summary**

Printing Modes (Feature Adobe Reader - Office test file)		Feature Performance Ratio	
		A5 and Legal	
		FSOT (base) FSOT (feature)	ESAT (feature) ESAT (base)
A5 Landscape Feed - Colour	Simplex		
A5 Portrait Feed - Colour	Simplex	103%	100%
Legal - Colour	Simplex	73%	64%
Legal - Colour	Duplex	52%	46%
A5 Landscape Feed - B/W	Simplex		
A5 Portrait Feed - B/W	Simplex	103%	100%
Legal - B/W	Simplex	71%	64%
Legal - B/W	Duplex	52%	46%

- 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			
			A5 and Legal			
	FSOT Base	ESAT Base	1 set FSOT (secs)	1 set + 30 sec ESAT (ipm)	FSOT (base) FSOT (feature)	ESAT (feature) ESAT (base)
Simplex A5 Landscape Feed - Colour	28.83	25.2				
Simplex A5 Portrait Feed - Colour	28.83	25.2	28.19	25.2	103%	100%
Legal Simplex - Colour	28.83	25.2	39.64	16.2	73%	64%
Legal Duplex - Colour	28.83	25.2	55.75	11.6	52%	46%
Simplex A5 Landscape Feed - B/W	26.46	25.2				
Simplex A5 Portrait Feed - B/W	26.46	25.2	25.87	25.2	103%	100%
Legal Simplex - B/W	26.46	25.2	37.28	16.2	71%	64%
Legal Duplex - B/W	26.46	25.2	51.76	11.8	52%	46%

- 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 DH16aCSHR ATA
I/O Subsystem	Builtin
USB Subsystem	USB 2.0/3.0
I/O	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 17629 First Print Out Time Report: Office Category**

Full Detailed Test Report - LETTER

HP Color LaserJet MFP E77825DN

Printing device and settings		
Test Start Date and Time	3/29/2017 8:51	
Tester	TQW	
Machine name/model	HP Color LaserJet MFP E77825DN	
Colour or B&W	Colour	
FW Version	2403293_005974	
Configuration (options)	Default	
Controller	NA	
Printing device page count	Not Specified	
Printing supplies page count	Not Specified	
Temperature and Humidity	74 degF / 23 degC 20.2 %rH	
Voltage	110V	
Test End Date and Time	8/10/2017 10:03	

Item	Value
<b>Mode and Setting</b>	
PDL and driver version	6.4.0.22070
Print Quality mode	default
B&W settings	default
Paper feed orientation	Short Edge
<b>Paper</b>	
Paper type setting	default
Paper feeding	Standard cassette
Paper exit	Standard exit tray
<b>Paper Path</b>	
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	10.87
	Duplex	
B&W	Simplex	9.03
	Duplex	

- Notes
- 1) All printing device and driver settings w ere default mode.
  - 2) For the B/W results, the print driver w as 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 w ere 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	10.59	10.86	11.14	10.87	21 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			39.09		76 Minutes
	Recovery Time			28.0		
	FPOT from Off - Simplex			182.51		
	Warm-up Time			171.37		
B&W Mode	FPOT from Ready - Simplex	8.79	8.82	9.46	9.03	21 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			32.21		76 Minutes
	Recovery Time			22.7		
	FPOT from Off - Simplex			182.19		
	Warm-up Time			172.73		

- Notes
- 1) All printing device and driver settings w ere default mode.
  - 2) For the B/W results, the print driver w as 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 w ere collected after completion of the tests.
  - 6) Details for FPOT from Sleep are show n 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	39.09	38.27	39.91	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	19.77	19.75	19.78	N/A	Adobe Reader	15 Minutes
B&W Mode	FPOT from Sleep	32.21	32.21	32.20	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	18.07	18.07	18.06	N/A	Adobe Reader	15 Minutes

- Notes
- 1) All printing device and driver settings w ere default mode.
  - 2) For the B/W results, the print driver w as set to "print in B/W".
  - 3) DLPI ncludes 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 Memory	system devices, default system BIOS
	System Memory	4 GB
	Hard Drive Subsystem	Standard disk drive (Seagate)
	Video Subsystem	AMD Radeon HD 6350
	Optical Drive	HP DVD A DH16aC5HR ATA
	I/O Subsystem	Builtin
	USB Subsystem	USB 2.0/3.0
Printing Device Connection	TCP/IP	10/1000
Software	Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1
	Printing Applications	Microsoft Office 2010 SP2 Adobe Reader 10.1.4
	Print Driver	6.4.0.22070

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

Full Detailed Test Report - A4

HP Color LaserJet MFP E77825DN

Printing device and settings		
Test Start Date and Time	3/29/2017 8:51	
Tester	TQW	
Machine name/model	HP Color LaserJet MFP E77825DN	
Colour or B&W	Colour	
FW Version	2403293_005974	
Configuration (options)	Default	
Controller	NA	
Printing device page count	Not Specified	
Printing supplies page count	Not Specified	
Temperature and Humidity	74 degF / 23 degC 20.2 %rH	
Voltage	110V	
Test End Date and Time	8/10/2017 10:03	

Item	Value
<b>Mode and Setting</b>	
PDL and driver version	6.4.0.22070
Print Quality mode	default
B&W settings	default
Paper feed orientation	Short Edge
<b>Paper</b>	
Paper type setting	default
Paper feeding	Standard cassette
Paper exit	Standard exit tray
<b>Paper Path</b>	
Output orientation	default (face up or face down)

**ISO First Page Out Time Summary Report: Office Category**

Summary Report: A4

FPOT from Ready (seconds)		
<b>Colour</b>	Simplex	10.91
	Duplex	
<b>B&amp;W</b>	Simplex	8.93
	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
<b>Color Mode</b>	FPOT from Ready - Simplex	10.55	11.01	11.16	10.91	21 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			34.08		76 Minutes
	Recovery Time			22.9		
	FPOT from Off - Simplex			190.77		
	Warm-up Time			179.61		
<b>B&amp;W Mode</b>	FPOT from Ready - Simplex	8.80	8.83	9.15	8.93	21 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			32.14		76 Minutes
	Recovery Time			23.0		
	FPOT from Off - Simplex			185.52		
	Warm-up Time			176.37		

- 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: A4

		FPOT Avg (secs)	FPOT (secs) Iteration 1	FPOT (secs) Iteration 2	FPOT (secs) Iteration 3	Application	Delay Time
<b>Color Mode</b>	FPOT from Sleep	34.08	34.05	34.11	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	18.17	18.18	18.16	N/A	Adobe Reader	15 Minutes
<b>B&amp;W Mode</b>	FPOT from Sleep	32.14	32.21	32.06	N/A	Adobe Reader	76 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	17.80	17.88	17.72	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	
<b>Test System</b>	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 Memory	System devices, default system BIOS
	Hard Drive Subsystem	4 GB
	Video Subsystem	Standard disk drive (Seagate)
	Optical Drive	AMD Radeon HD 6350
	I/O Subsystem	HP DVD A DH16aC5HR ATA
	USB Subsystem	Builtin
	USB Subsystem	USB 2.0/3.0
<b>Printing Device Connection</b>	TCP/IP	10/1000
<b>Software</b>	Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1
	Printing Applications	Microsoft Office 2010 SP2
	Print Driver	Adobe Reader 10.1.4

# ISO/IEC 29183 Copy Productivity Report

## Full Detailed Test Report - LETTER

HP Color LaserJet MFP E77825DN

### Machine Setup Information

Test Start Date and Time	3/29/2017 6:46
Tester	TQW
Machine name/model	HP Color LaserJet MFP E77825DN
Colour or B&W	Colour
FW Version	2403293_005974
Configuration (options)	Not Specified
Temperature and Humidity	74 degF / 23 degC 20.2 %rH
Test End Date and Time:	5/24/2017 11:45

	Pre-set Item	Pre-set Value
<b>Mode</b>	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
<b>Paper</b>	Paper Sending Direction	Default
	Paper Type Setting	Default
<b>Paper Path</b>	Paper Feeding	Tray 2
	Paper Exit	Default
	Face Up Exit	Default (face down)
<b>Temporary Stop</b>	Fixing Capability	Default
	Image Quality Stability	Default
	Capacity of Paper	Default
	Others	None

<b>Paper</b>	Paper Manufacturer	HP / Xerox / HP / HP
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4 / A3
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: <b>Letter</b>		
	sFCOT	sESAT (ipm)
<b>Color</b>	8.8	25.2
<b>B&amp;W</b>	7.7	25.2
Notes First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> . 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: <b>LETTER</b>				
	Target	sFCOT (secs)	sEFTP (ipm)	sESAT (ipm)



			<b>1copy</b>	<b>1copy+30sec</b>	<b>1copy+4minutes</b>	
<b>Color</b>	A	8.81	6.80	19.59 14 sets	24.12 102 sets	25.21
	B					
	C					
	D					
	Average	8.8	6.8	19.6	24.1	25.2
<b>B&amp;W</b>	A	7.73	7.76	20.58 17 sets	24.24 103 sets	25.20
	B					
	C					
	D					
	Average	7.7	7.8	20.6	24.2	25.2

**Notes**

First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.

Only Target A was used, all test documents have the same Saturated throughput. Reference ISO/IEC29183:2010 Clause 5, Sections 5.3.1 and 5.3.2

## ISO/IEC 29183 Copy Productivity Report

### Full Detailed Test Report - A4

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HP Color LaserJet MFP E77825DN		
<b>Machine Setup Information</b>		
	Test Start Date and Time	3/29/2017 6:46
	Tester	TQW
	Machine name/model	HP Color LaserJet MFP E77825DN
	Colour or B&W	Colour
	FW Version	2403293_005974
	Configuration (options)	Not Specified
	Temperature and Humidity	74 degF / 23 degC 20.2 %rH
	Test End Date and Time:	5/24/2017 11:45
	<b>Pre-set Item</b>	<b>Pre-set Value</b>
<b>Mode</b>	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
<b>Paper</b>	Paper Sending Direction	Default
	Paper Type Setting	Default
<b>Paper Path</b>	Paper Feeding	Tray 2
	Paper Exit	Default
	Face Up Exit	Default (face down)
<b>Temporary Stop</b>	Fixing Capability	Default
	Image Quality Stability	Default
	Capacity of Paper	Default
	Others	None
<b>Paper</b>	Paper Manufacturer	HP / Xerox / HP / HP
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4 / A3
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: <b>A4</b>		
	<b>sFCOT</b>	<b>sESAT (ipm)</b>
<b>Colour</b>	9.1	25.2
<b>B&amp;W</b>	8.0	25.2
Notes		
First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> . 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: <b>A4</b>						
	<b>Target</b>	<b>sFCOT (secs)</b>	<b>sEFTP (ipm)</b>			<b>sESAT (ipm)</b>
			<b>1copy</b>	<b>1copy+30sec</b>	<b>1copy+4minutes</b>	
	Δ	9.09	6.59	19.74	24.17	25.21

<b>Colour</b>	A	9.09	6.59	14 sets	103 sets	25.21
	B					
	C					
	D					
	Average	9.1	6.6	19.7	24.2	25.2
<b>B&amp;W</b>	A	8.04	7.47	19.64 14 sets	24.29 102 sets	25.20
	B					
	C					
	D					
	Average	8.0	7.5	19.6	24.3	25.2

**Notes**

First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.

Only Target A was used, all test documents have the same Saturated throughput. Reference ISO/IEC29183:2010 Clause 5, Sections 5.3.1 and 5.3.2





1)



# ISO/IEC 24735 Copy Productivity Report

Full Detailed Test Report - LETTER

Machine Setup Information	
Test Start Date and Time	5/12/2017 9:10
Tester	TQW
Machine name/model	HP Color LaserJet MFP E77825DN
Colour or B&W	Colour
FW Version	2403293_005974
Configuration (options)	Not Specified
Temperature and Humidity	74 degF / 23 degC 20.2 %rH
Test End Date and Time:	5/16/2017 13:20
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 / HP / HP
Paper Weight	20lb / 75 g/m2
Paper Size	Letter / A4 / A3

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	20.48	11.73	20.73	24.21	25.21
			( 1 set )	5 sets	27 sets	
	1:2	33.11	7.24	13.42	<del>24.21</del>	18.98
			( 1 set )	4 sets	<del>27 sets</del>	
	2:2	32.24	7.44	13.86	<del>24.21</del>	18.96
			( 1 set )	4 sets	<del>27 sets</del>	
B&W mode	1:1	18.29	13.12	20.99	24.21	25.21
				5 sets	27 sets	
	1:2	32.22	7.44	13.94	<del>24.21</del>	19.00
				4 sets	<del>27 sets</del>	
	2:2	31.28	7.66	14.36	<del>24.21</del>	18.98
				4 sets	<del>27 sets</del>	
Notes						
Reports located: <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a>						



# ISO/IEC 24735 Copy Productivity Report

## Full Detailed Test Report - A4

Machine Setup Information	
Test Start Date and Time	5/12/2017 9:10
Tester	TQW
Machine name/model	HP Color LaserJet MFP E77825DN
Colour or B&W	Colour
FW Version	2403293_005974
Configuration (options)	Not Specified
Temperature and Humidity	74 degF / 23 degC 20.2 %rH
Test End Date and Time:	5/16/2017 13:20
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 / HP / HP
Paper Weight	20lb / 75 g/m2
Paper Size	Letter / A4 / A3

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	20.44	11.75	20.79	23.76	25.21
			( 1 set )	5 sets	27 sets	
	1:2	32.48	7.38	13.78		19.04
			( 1 set )	4 sets		
	2:2	30.42	7.88	14.08		19.04
			( 1 set )	4 sets		
B&W mode	1:1	17.50	13.71	21.33	24.30	25.20
				5 sets	27 sets	
	1:2	31.00	7.74	14.10		19.08
				4 sets		
	2:2	28.77	8.34	14.32		19.06
				4 sets		
Notes						
Reports located: <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a>						

ISO/IEC 17991 Scanning Productivity Report

Full Detailed Test Report - LETTER

Machine Setup Information	
Test Start Date and Time	3/29/2017 10:24
Tester	TQW
Machine name/model	HP_Color LaserJet MFP E77825DN
Colour or B&W	Colour
Configuration (options)	Default
Temperature and Humidity	74 degF / 23 degC 20.2 %rH
Voltage	110V
Test End Date and Time	5/18/2017 13:33

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

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

Summary Report: Letter

	Scanning Mode			Measurement result
	File format version	Resolution	Scanning side	scESAT 30secA (ipm)
Colour	PDF 1.4	200	single sided	87.24
			double sided	172.06
B&W	PDF 1.4	200	single sided	86.83
			double sided	171.18

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".

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

Summary Report: Letter

	Scanning Mode			Measurement result		
	File format version	Resolution	Scanning side	scEFTP 30secF (ipm)	File size 30secF (Mbyte)	Number of Sets (30secF)
Colour	PDF 1.4	200	single sided	53.33	6.66	12.00
			double sided	57.31	13.03	24.00
B&W	PDF 1.4	200	single sided	68.57	2.25	12.00
			double sided	122.54	4.50	24.00

Notes

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

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

Summary Report: Letter

	Scanning Mode			Measurement result		
	File format version	Resolution	Scanning side	scEFTP 1setA (ipm)	scEFTP 30secA (ipm)	scESAT 30secA (ipm)
Colour	PDF 1.4	200	single sided	39.87	79.73	87.24
			double sided	47.77	155.48	172.06
B&W	PDF 1.4	200	single sided	41.18	79.8	86.83
			double sided	47.41	154.73	171.18

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".

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

Summary Report: Letter

	Scanning Mode			Measurement result			
	File format version	Resolution	Scanning side	scEFTP 1setF (ipm)	scEFTP 30secF (ipm)	File size 30secF (Mbyte)	Number of Sets (30secF)
Colour	PDF 1.4	200	single sided	22.90	53.33	6.66	12
			double sided	24.00	57.31	13.03	24
B&W	PDF 1.4	200	single sided	28.33	68.57	2.25	12
			double sided	32.14	122.54	4.50	24

Notes

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

Test System Parameters		
Item	Value	
System	Computer name	HP Compaq Elite 8300 Small Form Factor
	Processor	Intel Core i7 -3770, 3.4 GHz
	System Chip Set	Intel C216 Chipset Family SMBus Host Controller
	System Board	System devices, default system BIOS
	System Memory	4 GB
	Hard Drive Subsystem	Standard disk drive (Seagate)
	Video Subsystem	AMD Radeon HD 6350
	Optical Drive	HP DVD A 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	3/29/2017 10:24
Tester	TQW
Machine name/model	HP Color LaserJet MFP E77825DN
Colour or B&W	Colour
Configuration (options)	Default
Temperature and Humidity	74 degF / 23 degC 20.2 %rH
Voltage	110V
Test End Date and Time	5/18/2017 13:33

	Preset Item	Preset Value
Mode and Setting	Scanning resolution	default (200 dpi)
	Colour or grey scale/B&W	default (colour)
	Duplex / simplex	default (simplex)
	Original page size	default (A4)
	Paper feed orientation	default (long edge)
	Scan destination	default (shared network)
	Storing File Type	default (PDF-multi)
	Auto scan quality adjustment	default (factory preset default setting)
	ADF Paper-path	Paper feed direction
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	85.15
			double sided	169.52
B&W	PDF 1.4	200	single sided	84.91
			double sided	169.57

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	56.01	6.77	14.00
			double sided	57.32	11.46	24.00
B&W	PDF 1.4	200	single sided	66.54	2.62	14.00
			double sided	120.00	4.43	24.00

Notes

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

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

Summary Report: A4

	Scanning Mode			Measurement result		
	File format version	Resolution	Scanning side	scEFTP 1setA (ipm)	scEFTP 30secA (ipm)	scESAT 30secA (ipm)
Colour	PDF 1.4	200	single sided	40.38	78.58	85.15
			double sided	47.34	151.86	169.52
B&W	PDF 1.4	200	single sided	38.86	77.77	84.91
			double sided	44.24	152.88	169.57

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	25.33	56.01	6.77	14
			double sided	22.90	57.32	11.46	24
B&W	PDF 1.4	200	single sided	26.66	66.54	2.62	14
			double sided	27.00	120.00	4.43	24

Notes

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

Test System Parameters		
Item	Value	
System	Computer name	HP Compaq Elite 8300 Small Form Factor
	Processor	Intel Core i7 -3770, 3.4 GHz
	System Chip Set	Intel C216 Chipset Family SMBus Host Controller
	System Board	System devices, default system BIOS
	System Memory	4 GB
	Hard Drive Subsystem	Standard disk drive (Seagate)
	Video Subsystem	AMD Radeon HD 6350
	Optical Drive	HP DVD A DH16aCSHR ATA
	I/O Subsystem	Built-in
	USB Subsystem	USB 2.0/3.0
	Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1
	Scanning Device Connection	Location of network folder
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	3/29/2017 10:24
Tester	TQW
Machine name/model	HP Color LaserJet MFP E77825DN
Colour or B&W	Colour
Configuration (options)	Default
Temperature and Humidity	74 degF / 23 degC 20.2 %rH
Voltage	110V
Test End Date and Time	5/18/2017 13:33

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
	Output orientation	default
	Scanning unit	default (duplex ADF)

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

[Summary Report: Tabloid](#)

	Scanning Mode			Measurement result
	File format version	Resolution	Scanning side	scESAT 30secA (ipm)
Colour	PDF 1.4	200	single sided	49.00
			double sided	97.90
B&W	PDF 1.4	200	single sided	48.79
			double sided	98.04

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: 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	30.24	7.75	8.00
			double sided	31.41	13.31	14.00
B&W	PDF 1.4	200	single sided	37.66	2.84	8.00
			double sided	69.28	4.52	14.00

Notes

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

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

[Summary Report: Tabloid](#)

	Scanning Mode			Measurement result		
	File format version	Resolution	Scanning side	scEFTP 1setA (ipm)	scEFTP 30secA (ipm)	scESAT 30secA (ipm)
Colour	PDF 1.4	200	single sided	30.10	44.99	49
			double sided	34.89	88.13	97.9
B&W	PDF 1.4	200	single sided	29.54	44.78	48.79
			double sided	38.01	88.62	98.04

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: Tabloid](#)

	Scanning Mode			Measurement result			
	File format version	Resolution	Scanning side	scEFTP 1setF (ipm)	scEFTP 30secF (ipm)	File size 30secF (Mbyte)	Number of Sets (30secF)
Colour	PDF 1.4	200	single sided	16.00	30.24	7.75	8
			double sided	16.00	31.41	13.31	14
B&W	PDF 1.4	200	single sided	19.47	37.66	2.84	8
			double sided	24.23	69.28	4.52	14

Notes

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

Test System Parameters		
Item	Value	
System	Computer name	HP Compaq Elite 8300 Small Form Factor
	Processor	Intel Core i7 -3770, 3.4 GHz
	System Chip Set	Intel C216 Chipset Family SMBus Host Controller
	System Board	System devices, default system BIOS
	System Memory	4 GB
	Hard Drive Subsystem	Standard disk drive (Seagate)
	Video Subsystem	AMD Radeon HD 6350
	Optical Drive	HP DVD A DH16aCSHR ATA
	I/O Subsystem	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	DC
	Internet Protocol	IPv4
	Transfer Protocol	SMB
	Hub	Trendnet Router and Gbit Switch
	Network Speed	TCP 10/1000 Mbit Ethernet
	Connection Cable	Cat6 Straight cable
	Wireless router	No use
Others	No use	

ISO/IEC 17991 Scanning Productivity Report

Full Detailed Test Report - A3

Machine Setup Information	
Test Start Date and Time	3/29/2017 10:24
Tester	TQW
Machine name/model	HP_Color LaserJet MFP E77825DN
Colour or B&W	Colour
Configuration (options)	Default
Temperature and Humidity	74 degF / 23 degC 20.2 %rH
Voltage	110V
Test End Date and Time	5/18/2017 13:33

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	50.35
			double sided	99.85
B&W	PDF 1.4	200	single sided	50.08
			double sided	99.40

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	29.78	7.03	8.00
			double sided	31.39	11.88	14.00
B&W	PDF 1.4	200	single sided	39.59	2.82	8.00
			double sided	70.00	4.49	14.00

Notes

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

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

Summary Report: A3

	Scanning Mode			Measurement result		
	File format version	Resolution	Scanning side	scEFTP 1setA (ipm)	scEFTP 30secA (ipm)	scESAT 30secA (ipm)
Colour	PDF 1.4	200	single sided	28.74	46.18	50.35
			double sided	33.78	90.27	99.85
B&W	PDF 1.4	200	single sided	29.31	46.17	50.08
			double sided	37.63	88.53	99.4

Notes

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

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	14.55	29.78	7.03	8
			double sided	15.50	31.39	11.88	14
B&W	PDF 1.4	200	single sided	20.90	39.59	2.82	8
			double sided	24.00	70.00	4.49	14

Notes

- 1) For more information see <http://www.hp.com/go/printerclaims>.
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	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	