

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP Color LaserJet M751

Printing device and settings	
Test Start Date and Time	3/18/2019 15:45
Tester	TOW
Machine name/model	HP Color LaserJet M751
Colour or B&W	Colour
FW Version	2407264_043489
Temperature and Humidity	73 degF / 23 degC 27.9 %rH
Voltage	110V
Test End Date and Time	3/29/2019 10:50

Item	Value	
Mode and Setting	Driver Version	6.6.5
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Grayscale
	Duplex B&W Settings	Print in Grayscale
	Setting N set count	Application
Paper Path	Collating function	Activated (application)
	Paper Sending Direction	Default
	Paper Size Setting	Default
	Paper Feeding	Tray 2
	Paper Exit	Standard Exit Tray
	Output Orientation	Default (face down)
Paper	Duplexing Unit (Yes/No)	Yes
	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: Letter			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	10.70	41.93
	Duplex	12.84	43.23
B&W	Simplex	10.37	42.15
	Duplex	12.62	43.36

Notes

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

Detailed Report: LETTER						
Office Category Test	FSOT (secs)	EFTP (ipm)			ESAT (ipm)	
		1 set only (1 set)	1 set + 30sec (# of sets)	1 set + 4min (# of sets)		
Color Mode	Simplex - Adobe Reader	10.54	22.79 (1 set)	37.21 (7 sets)	37.33 (44 sets)	42.04
	Simplex - Word	10.94	21.94 (1 set)	36.98 (7 sets)		42.16
	Simplex - Excel	10.62	22.60 (1 set)	37.09 (7 sets)		41.59
	Simplex - Average	10.70	22.44 (1 set)	37.09 (7 sets)	37.33 (44 sets)	41.93
	Duplex - Adobe Reader	12.71	18.88 (1 set)	34.84 (7 sets)		43.20
	Duplex - Word	12.98	18.48 (1 set)	35.22 (7 sets)		43.26
	Duplex - Excel	12.83	18.70 (1 set)	35.18 (7 sets)		43.24
	Duplex - Average	12.84	18.68 (1 set)	35.08 (7 sets)		43.23
B&W mode (optional for color device)	Simplex - Adobe Reader	9.89	24.26 (1 set)	37.90 (7 sets)	37.63 (44 sets)	42.11
	Simplex - Word	10.73	22.38 (1 set)	37.57 (7 sets)		42.28
	Simplex - Excel	10.49	22.87 (1 set)	37.32 (7 sets)		42.08
	Simplex - Average	10.37	23.17 (1 set)	37.59 (7 sets)	37.6 (44 sets)	42.15
	Duplex - Adobe Reader	12.33	19.44 (1 set)	35.60 (7 sets)		43.44
	Duplex - Word	12.72	18.86 (1 set)	35.16 (7 sets)		43.30
	Duplex - Excel	12.80	18.76 (1 set)	35.62 (7 sets)		43.36
	Duplex - Average	12.62	19.02 (1 set)	35.46 (7 sets)		43.36

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 Z240 SFF Workstation
Processor	Intel Core i7 -6770, 3.4 GHz
System Chip Set	Intel SKL/KBL Mobile/Desktop
System Board	system devices, default system BIOS
System Memory	8 GB
Hard Drive Subsystem	Turbo Drive G2 256GB PCIe SSD
Video Subsystem	Microsoft Basic Display Adaptor
Optical Drive	HP HLDS DVD+RW GUD1N
I/O Subsystem	Builtin
USB Subsystem	USB 2.0/3.0
TCPIP	TCPIP 10/1000
Operating System	Win 10 Enterprise 64 Bit (10240)
Printing Applications	Microsoft Office Word 2016
	Acrobat Reader DC
	Microsoft Office Excel 2016
Print Driver	Not Specified
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 M751

Printing device and settings	
Test Start Date and Time	3/18/2019 15:45
Tester	TOW
Machine name/model	HP Color LaserJet M751
Colour or B&W	Colour
FW Version	2407264_043489
Temperature and Humidity	73 degF / 23 degC 27.9 %rH
Voltage	110V
Test End Date and Time	3/29/2019 10:50

Item	Value	
Mode and Setting	Driver Version	6.6.5
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Grayscale
	Duplex B&W Settings	Print in Grayscale
	Setting N set count	Application
Paper Path	Collating function	Activated (application)
	Paper Sending Direction	Default
	Paper Size Setting	Default
	Paper Feeding	Tray 2
	Paper Exit	Standard Exit Tray
	Output Orientation	Default (face down)
	Duplexing Unit (Yes/No)	Yes
Paper	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: A4			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Colour	Simplex	10.78	42.00
	Duplex	12.73	43.22
B&W	Simplex	10.35	42.25
	Duplex	12.66	43.36

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)	1 set + 30sec
Colour Mode	Simplex - Adobe Reader	10.56	22.75 (1 set)	37.49 (7 sets)	36.41 (44 sets)	41.97
		10.91	21.99 (1 set)	37.34 (7 sets)		41.99
	Simplex - Excel	10.86	22.10 (1 set)	37.42 (7 sets)		42.05
		10.78	22.28 (1 set)	37.41 (7 sets)	36.41	42.00
	Duplex - Adobe Reader	12.43	19.30 (1 set)	35.60 (7 sets)		43.16
		13.02	18.42 (1 set)	34.58 (7 sets)		43.16
	Duplex - Excel	12.74	18.84 (1 set)	34.44 (7 sets)		43.36
		12.7	18.85 (1 set)	34.87 (7 sets)		43.22
B&W mode <small>(optional for color device)</small>	Simplex - Adobe Reader	9.98	24.04 (1 set)	38.00 (7 sets)	37.74 (44 sets)	42.21
		10.64	22.55 (1 set)	37.64 (7 sets)		42.33
	Simplex - Excel	10.43	23.02 (1 set)	37.90 (7 sets)		42.21
		10.4	23.20 (1 set)	37.84 (7 sets)	37.7	42.25
	Duplex - Adobe Reader	12.32	19.48 (1 set)	35.28 (7 sets)		43.36
		13.04	18.40 (1 set)	35.30 (7 sets)		43.36
	Duplex - Excel	12.61	19.02 (1 set)	35.02 (7 sets)		43.38
		12.7	18.96 (1 set)	35.20 (7 sets)		43.36

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 Z240 SFF Workstation
Processor	Intel Core i7 -6770, 3.4 GHz
System Chip Set	Intel SKL/KBL Mobile/Desktop
System Board	system devices, default system BIOS
System Memory	8 GB
Hard Drive Subsystem	Turbo Drive G2 256GB PCIe SSD
Video Subsystem	Microsoft Basic Display Adaptor
Optical Drive	HP HLDS DVDWRV GUD1N
I/O Subsystem	Builtin
USB Subsystem	USB 2.0/3.0
TCPIP	TCP/IP 10/100
Operating System	Win 10 Enterprise 64 Bit (10240)
Printing Applications	Microsoft Office Word 2016
	Acrobat Reader DC
	Microsoft Office Excel 2016
Print Driver	Not Specified
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 M751

Printing device and settings	
Test Start Date and Time	3/18/2019 15:45
Tester	TOW
Machine name/model	HP Color LaserJet M751
Colour or B&W	Colour
FW Version	2407264_043489
Temperature and Humidity	73 degF / 23 degC 27.9 %RH
Voltage	110V
Test End Date and Time	3/29/2019 10:50

Item	Value	
Mode and Setting	Driver Version	6.6.5
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Grayscale
	Duplex B&W Settings	Print in Grayscale
	Setting N set count	Application
Paper Path	Collating function	Activated (application)
	Paper Sending Direction	Default
	Paper Size Setting	Default
	Paper Feeding	Tray 2
	Paper Exit	Standard Exit Tray
	Output Orientation	Default (face down)
Paper	Duplexing Unit (Yes/No)	Yes
	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: Tabloid				
	Office Category	Test for Color Device	FSOT (seconds)	ESAT (ipm)
Color	Simplex		10.70	26.27
	Duplex		12.84	18.14
B&W	Simplex		14.01	26.27
	Duplex		19.10	18.14

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 + 30sec (# of sets)	1 set + 4min (# of sets)	
Color Mode	Simplex - Adobe Reader	14.32	16.75 (1 set)	23.44 (5 sets)	22.00 (28 sets)	26.28
	Simplex - Word	14.73	16.29 (1 set)	23.31 (5 sets)		26.28
	Simplex - Excel	14.26	16.82 (1 set)	22.83 (5 sets)		26.27
	Simplex - Average	14.44	16.62	23.19	22.00	26.27
	Duplex - Adobe Reader	19.53	12.28 (1 set)	16.06 (4 sets)		18.14
	Duplex - Word	19.55	12.26 (1 set)	16.02 (4 sets)		18.14
	Duplex - Excel	19.23	12.48 (1 set)	16.10 (4 sets)		18.14
	Duplex - Average	19.44	12.34	16.06		18.14
B&W mode (optional for color device)	Simplex - Adobe Reader	13.72	17.49 (1 set)	23.79 (5 sets)	23.15 (28 sets)	26.27
	Simplex - Word	14.33	16.75 (1 set)	23.54 (5 sets)		26.27
	Simplex - Excel	13.97	17.18 (1 set)	23.78 (5 sets)		26.27
	Simplex - Average	14.01	17.14	23.70	23.15	26.27
	Duplex - Adobe Reader	18.73	12.80 (1 set)	16.32 (4 sets)		18.14
	Duplex - Word	19.57	12.26 (1 set)	16.22 (4 sets)		18.14
	Duplex - Excel	18.98	12.64 (1 set)	16.32 (4 sets)		18.14
	Duplex - Average	19.10	12.56	16.28		18.14

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 Z240 SFF Workstation
Processor	Intel Core i7 -6770, 3.4 GHz
System Chip Set	Intel SKL/KBL Mobile/Desktop
System Board	system devices, default system BIOS
System Memory	8 GB
Hard Drive Subsystem	Turbo Drive G2 256GB PCIe SSD
Video Subsystem	Microsoft Basic Display Adaptor
Optical Drive	HP HLDS DVDRW GUD1N
I/O Subsystem	Builtin
USB Subsystem	USB 2.0/3.0
TCPIP	TCP/IP 10/100
Operating System	Win 10 Enterprise 64 Bit (10240)
Printing Applications	Microsoft Office Word 2016
	Acrobat Reader DC
	Microsoft Office Excel 2016
Print Driver	Not Specified
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 M751

Printing device and settings	
Test Start Date and Time	3/18/2019 15:45
Tester	TOW
Machine name/model	HP Color LaserJet M751
Colour or B&W	Colour
FW Version	2407264_043489
Temperature and Humidity	73 degF / 23 degC 27.9 %RH
Voltage	110V
Test End Date and Time	3/29/2019 10:50

Item	Value	
Mode and Setting	Driver Version	6.6.5
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Grayscale
	Duplex B&W Settings	Print in Grayscale
	Setting N set count	Application
Paper Path	Collating function	Activated (application)
	Paper Sending Direction	Default
	Paper Size Setting	Default
	Paper Feeding	Tray 2
	Paper Exit	Standard Exit Tray
	Output Orientation	Default (face down)
Paper	Duplexing Unit (Yes/No)	Yes
	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: A3			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	10.70	26.28
	Duplex	12.84	18.14
B&W	Simplex	13.97	26.29
	Duplex	18.87	18.17

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 (# of sets)	1 set + 4min (# of sets)		
Color Mode	Simplex - Adobe Reader	14.41	16.65 (1 set) 23.36 (5 sets) 21.74 (28 sets)	26.27		
	Simplex - Word	14.81	16.20 (1 set) 23.36 (5 sets)	26.30		
	Simplex - Excel	14.50	16.55 (1 set) 23.49 (5 sets)	26.27		
	Simplex - Average	14.58	16.46 (1 set) 23.40 (5 sets) 21.74 (28 sets)	26.28		
	Duplex - Adobe Reader	19.48	12.32 (1 set) 16.06 (4 sets)	18.14		
	Duplex - Word	19.78	12.12 (1 set) 16.08 (4 sets)	18.14		
	Duplex - Excel	19.34	12.40 (1 set) 16.02 (4 sets)	18.14		
	Duplex - Average	19.54	12.28 (1 set) 16.05 (4 sets)	18.14		
B&W mode (optional for color device)	Simplex - Adobe Reader	13.75	17.45 (1 set) 23.82 (5 sets) 23.75 (28 sets)	26.24		
	Simplex - Word	14.45	16.61 (1 set) 23.52 (5 sets)	26.35		
	Simplex - Excel	13.69	17.53 (1 set) 23.83 (5 sets)	26.28		
	Simplex - Average	13.97	17.19 (1 set) 23.72 (5 sets) 23.75 (28 sets)	26.29		
	Duplex - Adobe Reader	18.64	12.86 (1 set) 16.30 (4 sets)	18.14		
	Duplex - Word	19.14	12.54 (1 set) 16.28 (4 sets)	18.14		
	Duplex - Excel	18.82	12.74 (1 set) 16.36 (4 sets)	18.24		
	Duplex - Average	18.87	12.71 (1 set) 16.31 (4 sets)	18.17		

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 Z240 SFF Workstation
Processor	Intel Core i7 -6770, 3.4 GHz
System Chip Set	Intel SKL/KBL Mobile/Desktop
System Board	system devices, default system BIOS
System Memory	8 GB
Hard Drive Subsystem	Turbo Drive G2 256GB PCIe SSD
Video Subsystem	Microsoft Basic Display Adaptor
Optical Drive	HP HLDS DVDRW GUD1N
I/O Subsystem	Builtin
USB Subsystem	USB 2.0/3.0
TCPIP	TCP/IP 10/100
Operating System	Win 10 Enterprise 64 Bit (10240)
Printing Applications	Microsoft Office Word 2016
	Acrobat Reader DC
	Microsoft Office Excel 2016
Print Driver	Not Specified
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 M751

Printing device and settings	
Test Start Date and Time	3/18/2019 15:45
Tester	TOW
Machine name/model	HP Color LaserJet M751
Colour or B&W	Colour
FW Version	2407264_043489
Temperature and Humidity	73 degF / 23 degC 27.9 %rH
Voltage	110V
Test End Date and Time	3/29/2019 10:50

Item	Value	
Mode and Setting	Driver Version	6.6.5
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Grayscale
	Duplex B&W Settings	Print in Grayscale
	Setting N set count	Application
Paper Path	Collating function	Activated (application)
	Paper Sending Direction	Default
	Paper Size Setting	Default
	Paper Feeding	Tray 2
	Paper Exit	Standard Exit Tray
	Output Orientation	Default (face down)
	Duplexing Unit (Yes/No)	Yes
Paper	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Ultra White / HP Office

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	93%	84%
A5, Portrait Feed, Simplex, Colour	Simplex		
Legal, Simplex, Colour	Simplex		
Legal, Duplex, Colour	Duplex		
A4, 1200 dpi, Simplex, Colour	Simplex		
Letter, 1200 dpi, Simplex, Colour	Simplex		
A4, General Office, Simplex, Colour	Simplex		
Letter, General Office, Simplex, Colour	Simplex		
A5, Landscape Feed, Simplex, B/W	Simplex	93%	84%
A5, Portrait Feed, Simplex, B/W	Simplex		
Legal, Simplex, B/W	Simplex		
Legal, Duplex, B/W	Duplex		
A4, 1200 dpi, Simplex, B/W	Simplex		
Letter, 1200 dpi, Simplex, B/W	Simplex		
A4, General Office, Simplex, B/W	Simplex		
Letter, General Office, Simplex, B/W	Simplex		

- Notes
- 1) All printing device and driver settings were default mode.
 - 2) Test conducted with 8-paper Office Feature Performance file.
 - 3) For more information see <http://w.w.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	16.14	42.2	17.5	35.7	93%	84%
A5, Portrait Feed, Simplex, Colour	16.14	42.2				
Legal, Simplex, Colour						
Legal, Duplex, Colour						
A4, 1200 dpi, Simplex, Colour	16.14	42.2				
Letter, 1200 dpi, Simplex, Colour						
A4, General Office, Simplex, Colour	16.14	42.2				
Letter, General Office, Simplex, Colour						
A5, Landscape Feed, Simplex, B/W	15.82	42.22	17.05	35.7	93%	84%
A5, Portrait Feed, Simplex, B/W	15.82	42.22				
Legal, Simplex, B/W						
Legal, Duplex, B/W						
A4, 1200 dpi, Simplex, B/W	15.82	42.22				
Letter, 1200 dpi, Simplex, B/W						
A4, General Office, Simplex, B/W	15.82	42.22				
Letter, General Office, Simplex, B/W						

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

Test System Parameters

Item	Value	
Test System	Computer	HP Z240 SFF Workstation
	Processor	Intel Core i7 -6770, 3.4 GHz
	System Chip Set	Intel SKL/KBL Mobile/Desktop
	System Board	system devices, default system BIOS
	System Memory	8 GB
	Hard Drive Subsystem	Turbo Drive G2 256GB PCIe SSD
	Video Subsystem	Microsoft Basic Display Adaptor
	Optical Drive	HP HLDS DVDRW GUD1N
	IO Subsystem	Builtin
	USB Subsystem	USB 2.0/3.0
I/O	TCP/IP	TCP/IP 10/1000
	Operating System	Win 10 Enterprise 64 Bit (10240)
Software	Printing Applications	Microsoft Office Word 2016 Acrobat Reader DC
	Print Driver	Microsoft Office Excel 2016 Not Specified
	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 M751

Printing device and settings		
Test Start Date and Time	3/18/2019 14:31	
Tester	TQW	
Machine name/model	HP Color LaserJet M751	
Colour or B&W	Colour	
FW Version	2407264_043489	
Configuration (options)	Default	
Controller	7_126	
Printing device page count	Not Specified	
Printing supplies page count	Not Specified	
Temperature and Humidity	73 degF / 23 degC 27.9 %rH	
Voltage	110V	
Test End Date and Time	3/21/2019 9:21	

Item	Value
Mode and Setting	
PDL and driver version	6.6.5
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	5.94
	Duplex	
B&W	Simplex	5.65
	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	6.06	5.95	5.79	5.94	21 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			13.07		63 Minutes
	Recovery Time			7.3		
	FPOT from Off - Simplex			147.38		
	Warm-up Time			141.59		
B&W Mode	FPOT from Ready - Simplex	6.03	5.66	5.25	5.65	21 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			12.59		63 Minutes
	Recovery Time			7.3		
	FPOT from Off - Simplex			136.56		
	Warm-up Time			131.31		

- 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	13.07	13.05	13.08	N/A	Adobe Reader	63 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	10.57	10.47	10.67	N/A	Adobe Reader	15 Minutes
B&W Mode	FPOT from Sleep	12.59	12.26	12.92	N/A	Adobe Reader	63 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	10.07	9.82	10.31	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 Z240 SFF Workstation
	Processor	Intel Core i7 -6770, 3.4 GHz
	System Chip Set	Intel SKL/KBL Mobile/Desktop
	System Memory	8 system devices, default system BIOS
	Hard Drive Subsystem	Turbo Drive G2 256GB PCIe SSD
	Video Subsystem	Microsoft Basic Display Adaptor
	Optical Drive	HP HLDS DVDRW GUD1N
	I/O Subsystem	Builtin
	USB Subsystem	USB 2.0/3.0
	Printing Device Connection	TCP/IP
Software	Operating System	Win 10 Enterprise 64 Bit (10240)
	Printing Applications	Microsoft Word 2016
		Microsoft Excel 2016
		Adobe Reader DC

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

Full Detailed Test Report - A4
HP Color LaserJet M751

Printing device and settings		
Test Start Date and Time	3/18/2019 14:31	
Tester	TQW	
Machine name/model	HP Color LaserJet M751	
Colour or B&W	Colour	
FW Version	2407264_043489	
Configuration (options)	Default	
Controller	7_126	
Printing device page count	Not Specified	
Printing supplies page count	Not Specified	
Temperature and Humidity	73 degF / 23 degC 27.9 %rH	
Voltage	110V	
Test End Date and Time	3/21/2019 9:21	

Item	Value
Mode and Setting	PDL and driver version 6.6.5
	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	5.90
	Duplex	
B&W	Simplex	5.57
	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	6.28	5.82	5.59	5.90	21 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			13.02		63 Minutes
	Recovery Time			7.4		
	FPOT from Off - Simplex			143.11		
	Warm-up Time			137.52		
B&W Mode	FPOT from Ready - Simplex	5.85	5.63	5.23	5.57	21 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			12.84		63 Minutes
	Recovery Time			7.6		
	FPOT from Off - Simplex			146.55		
	Warm-up Time			141.32		

- 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	13.02	12.97	13.07	N/A	Adobe Reader	63 Minutes
	FPOT from Sleep (15 minutes)	10.67	10.61	10.72	N/A	Adobe Reader	15 Minutes
	HP/Non ISO Test						
B&W Mode	FPOT from Sleep	12.84	12.32	13.36	N/A	Adobe Reader	63 Minutes
	FPOT from Sleep (15 minutes)	10.25	10.20	10.29	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 Z240 SFF Workstation
	Processor	Intel Core i7 -6770, 3.4 GHz
	System Chip Set	Intel SKL/KBL Mobile/Desktop
	System Memory	system devices, default system BIOS
	Hard Drive Subsystem	Turbo Drive G2 256GB PCIe SSD
	Video Subsystem	Microsoft Basic Display Adaptor
	Optical Drive	HP HLDS DVDRW GUD1N
	I/O Subsystem	Builtin
	USB Subsystem	USB 2.0/3.0
	Printing Device Connection	TCP/IP
Software	Operating System	Win 10 Enterprise 64 Bit (10240)
	Printing Applications	Microsoft Word 2016
		Microsoft Excel 2016
		Adobe Reader DC