

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP LaserJet Enterprise M604dn

Printing device and settings	
Test Start Date and Time	1/27/2015 14:33
Tester	AH
Machine name/model	LaserJet Enterprise M604dn
Colour or B&W	B&W
FW Version	2305013_515375
Temperature and Humidity	71 degF / 22 degC, 28 %RH
Voltage	110V
Test End Date and Time	1/28/2015 17:32

Item	Value	
Mode and Setting	Driver Version	Fusion14_0_Release14309_392-239 (8.00.1308.2073)
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	N/A
	Duplex B&W Settings	N/A
	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 Colorlok / Xerox Business 4200

Summary Report: Letter			
Office Category Test for B&W Device		FSOT (seconds)	ESAT (ipm)
B&W	Simplex	10.6	52.3
	Duplex	13.5	37.0

- 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: 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		(1 set)			
	Simplex - Word		(1 set)			
	Simplex - Excel		(1 set)			
	Simplex - Average					
	Duplex - Adobe Reader	N/A	N/A	N/A		N/A
	Duplex - Word	N/A	N/A	N/A		N/A
	Duplex - Excel	N/A	N/A	N/A		N/A
	Duplex - Average	N/A	N/A	N/A		N/A
B&W mode (optional for color device)	Simplex - Adobe Reader	10.66	22.51 (1 set)	45.52 (9 sets)	N/A N/A	52.34
	Simplex - Word	10.41	23.04 (1 set)	45.17 (8 sets)		52.31
	Simplex - Excel	10.55	22.73 (1 set)	45.03 (8 sets)		52.31
	Simplex - Average	10.6	22.7	45.2	N/A	52.3
	Duplex - Adobe Reader	13.86	17.30 (1 set)	29.90 (6 sets)		37.06
	Duplex - Word	13.24	18.12 (1 set)	30.28 (6 sets)		37.04
	Duplex - Excel	13.36	17.94 (1 set)	30.32 (6 sets)		37.04
	Duplex - Average	13.5	17.7	30.1		37.0

- 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	Builtin
USB Subsystem	USB 2.0/3.0
TCP/IP	TCP/IP 10/1000
Operating System	Windows 7 64 Bit
Printing Applications	Microsoft Office 2010
Microsoft Office	Office 2010
Adobe Reader	10
Test files and location	Office category files, hard drive

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - A4

HP LaserJet Enterprise M604dn

Printing device and settings

Test Start Date and Time	1/27/2015 14:33
Tester	AH
Machine name/model	LaserJet Enterprise M604dn
Colour or B&W	B&W
FW Version	2305013_515375
Temperature and Humidity	71 degF / 22 degC, 28 %rH
Voltage	110V
Test End Date and Time	1/28/2015 17:32

Item	Value	
Mode and Setting	Driver Version	Fusion14_0_Release14309_392-239 (8.00.1308.2073)
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	N/A
	Duplex B&W Settings	N/A
	Setting N set count	Application
Collating function	Activated (application)	
Paper Path	Paper Sending Direction	Default
	Paper Size Setting	Default
	Paper Feeding	Tray 2
	Paper Exit	Standard Exit Tray
	Output Orientation	Default (face down)
	Duplexing Unit (Yes/No)	Yes
Paper	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Colorlok / Xerox Business 4200

Summary Report: A4

Office Category Test for B&W Device		FSOT (seconds)	ESAT (ipm)
B&W	Simplex	10.9	50.3
	Duplex	13.8	33.1

Notes

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

Detailed Report: A4

	Office Category Test	FSOT (secs)	EFTP (ipm)		ESAT (ipm)	
		1 set only (1 set)	1 set only (1 set)	1 set + 30sec (# of sets)	1 set + 4min (# of sets)	1 set + 30sec
Colour Mode	Simplex - Adobe Reader		(1 set)			
	Simplex - Word		(1 set)			
	Simplex - Excel		(1 set)			
	Simplex - Average					
	Duplex - Adobe Reader	N/A	N/A	N/A		N/A
	Duplex - Word	N/A	N/A	N/A		N/A
	Duplex - Excel	N/A	N/A	N/A		N/A
	Duplex - Average	N/A	N/A	N/A		N/A
B&W mode (optional for color device)	Simplex - Adobe Reader	11.26	21.30 (1 set)	42.97 (8 sets)	N/A N/A	50.33
	Simplex - Word	10.63	22.57 (1 set)	43.59 (8 sets)		50.32
	Simplex - Excel	10.77	22.27 (1 set)	43.48 (8 sets)		50.31
	Simplex - Average	10.9	22.0	43.3	N/A	50.3
	Duplex - Adobe Reader	14.26	16.82 (1 set)	28.62 (6 sets)		33.11
	Duplex - Word	13.45	17.82 (1 set)	29.14 (6 sets)		33.14
	Duplex - Excel	13.58	17.66 (1 set)	29.06 (6 sets)		33.14
	Duplex - Average	13.8	17.4	28.9		33.1

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 17629 First Print Out Time Report: Office Category

Full Detailed Test Report - LETTER

HP LaserJet Enterprise M604dn	
Printing device and settings	
Test Start Date and Time	1/27/2015 14:33
Tester	AH
Machine name/model	LaserJet Enterprise M604dn
Colour or B&W	B&W
Configuration (options)	Default
Controller	Not Specified
Printing device page count	Unknown
Printing supplies page count	Unknown
Temperature and Humidity	71 degF / 22 degC, 31 %rH
Voltage	110V
Test End Date and Time	2/3/2015 17:07

	Item	Value
Mode and Setting	PDL and driver version	Fusion14_0_Release14309_392-239 (8.00.1308.2073)
	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)
	Duplexing unit	Short Edge

ISO First Page Out Time Summary Report: Office Category

Summary Report: Letter		
		FPOT from Ready (seconds)
B&W	Simplex	7.1
	Duplex	11.2
Notes		
1) All printing device and driver settings were default mode.		
2) For the B/W results, the print driver was set to "print in B/W".		
3) For more information see http://www.hp.com/go/printerclaims .		
4) Port monitor not configured to follow device if the IP address changes.		
5) Page counts were collected after completion of the tests.		

ISO First Page Out Time Report: Office Category

Detailed Report: LETTER						
		Word (seconds)	Excel (seconds)	Adobe Reader (seconds)	Average (seconds)	Delay Time
Color Mode	FPOT from Ready - Simplex					
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex					
	Recovery Time					
	FPOT from Off - Simplex					
	Warm-up Time					
B&W Mode	FPOT from Ready - Simplex	6.96	7.12	7.17	7.09	21 Seconds
	FPOT from Ready - Duplex	11.00	11.08	11.62	11.24	21 Seconds
	FPOT from Sleep - Simplex			9.89		
	Recovery Time			2.7		
	FPOT from Off - Simplex			89.75		
	Warm-up Time			82.58		

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.						

Test System Parameters		
Item	Value	
Test System	Computer	HP Compaq Elite 8300 Small Form Factor
	Processor	Intel Core i7 -3770, 3.4 GHz
	System Chip Set	Intel C216 Chipset Family SMBus Host Controller
	System Board	system devices, default system BIOS
	System Memory	4 GB
	Hard Drive Subsystem	Standard disk drive (Seagate)
	Video Subsystem	AMD Radeon HD 6350
	Optical Drive	HP DVD A DH16aCSHR ATA
	I/O Subsystem	Builtin
	USB Subsystem	USB 2.0/3.0
Printing Device Connection	TCP/IP 10/1000	
Software	Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1
	Printing Applications	Microsoft Office 2010 SP2
	Print Driver	Fusion14_0_Release14309_392-239 (8.00.1308.2073)
	Test files and location	Office category files, hard drive

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

Full Detailed Test Report - A4

HP LaserJet Enterprise M604dn

Printing device and settings	
Test Start Date and Time	1/27/2015 14:33
Tester	AH
Machine name/model	LaserJet Enterprise M604dn
Colour or B&W	B&W
Configuration (options)	Default
Controller	Not Specified
Printing device page count	Unknown
Printing supplies page count	Unknown
Temperature and Humidity	71 degF / 22 degC, 31 %rH
Voltage	110V
Test End Date and Time	2/3/2015 17:07

	Item	Value
Mode and Setting	PDL and driver version	Fusion14_0_Release14309_392-239 (8.00.1308.2073)
	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)
	Duplexing unit	Short Edge

ISO First Page Out Time Summary Report: Office Category

Summary Report: A4		
		FPOt from Ready (seconds)
B&W	Simplex	7.4
	Duplex	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".
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 4) Port monitor not configured to follow device if the IP address changes.
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ISO First Page Out Time Report: Office Category

Detailed Report: A4						
		Word (seconds)	Excel (seconds)	Adobe Reader (seconds)	Average (seconds)	Delay Time
Colour Mode	FPOt from Ready - Simplex					
	FPOt from Ready - Duplex					
	FPOt from Sleep - Simplex					
	Recovery Time					
	FPOt from Off - Simplex					
	Warm-up Time					
B&W Mode	FPOt from Ready - Simplex	7.13	7.21	7.69	7.35	21 Seconds
	FPOt from Ready - Duplex	11.09	11.19	11.70	11.33	21 Seconds
	FPOt from Sleep - Simplex			9.91		
	Recovery Time			2.2		
	FPOt from Off - Simplex			88.25		
	Warm-up Time			80.56		

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".
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Test System Parameters

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Test System	Computer	HP Compaq Elite 8300 Small Form Factor
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	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 DH16aCXHR 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	Fusion14_0_Release14309_392-239 (8.00.1308.2073)
	Test files and location	Office category files, hard drive