

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

**Full Detailed Test Report - LETTER**

HP LaserJet Enterprise M605DN & Managed M605 Series

Printing device and settings		
Test Start Date and Time	12/16/2014 15:13	
Tester	AH	
Machine name/model	HP LaserJet Enterprise M605DN & Managed M605 Series	
Colour or B&W	B&W	
FW Version	2304061_439462	
Temperature and Humidity	71 degF / 22 degC 26.85 %rH	
Voltage	110V	
Test End Date and Time	7/10/2015 16:54	

Item	Value	
Mode and Setting	Driver Version	14310_361-239 (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 Ultra White / HP Office

Summary Report: Letter			
Office Category	Test for B&W Device	FSOT (seconds)	ESAT (ipm)
B&W	Simplex	9.7	58.4
	Duplex	12.5	40.4

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	9.75	( 1 set )	50.71 ( 9 sets )	57.05 ( 64 sets )	58.40
	Simplex - Word	9.55	( 1 set )	51.02 ( 9 sets )		58.43
	Simplex - Excel	9.66	( 1 set )	50.77 ( 9 sets )		58.38
	Simplex - Average	9.7	24.8	50.8	57.0	58.4
	Duplex - Adobe Reader	12.79	( 1 set )	33.60 ( 7 sets )		40.44
	Duplex - Word	12.33	( 1 set )	34.08 ( 7 sets )		40.44
	Duplex - Excel	12.30	( 1 set )	33.98 ( 7 sets )		40.46
	Duplex - Average	12.5	19.2	33.8		40.4

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 - A4**

HP LaserJet Enterprise M605DN & Managed M605 Series

Printing device and settings		
Test Start Date and Time	12/16/2014 15:13	
Tester	AH	
Machine name/model	HP LaserJet Enterprise M605DN & Managed M605 Series	
Colour or B&W	B&W	
FW Version	2304061_439462	
Temperature and Humidity	71 degF / 22 degC 26.85 %rH	
Voltage	110V	
Test End Date and Time	7/10/2015 16:54	

Item	Value	
Mode and Setting	Driver Version	14310_361-239 (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
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: A4			
Office Category Test for B&W Device		FSOT (seconds)	ESAT (ipm)
B&W	Simplex	10.1	55.3
	Duplex	12.7	38.9

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: 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	10.40	23.06 ( 1 set )	47.82 ( 9 sets )	54.03 ( 60 sets )	55.34
	Simplex - Word	9.80	24.47 ( 1 set )	48.31 ( 9 sets )		55.39
	Simplex - Excel	9.94	24.12 ( 1 set )	48.39 ( 9 sets )		55.39
	Simplex - Average	10.1	23.8	48.1	54.0	55.3
	Duplex - Adobe Reader	13.21	18.16 ( 1 set )	31.46 ( 6 sets )		38.92
	Duplex - Word	12.33	19.44 ( 1 set )	32.02 ( 6 sets )		38.92
	Duplex - Excel	12.42	19.30 ( 1 set )	31.84 ( 6 sets )		38.96
	Duplex - Average	12.7	18.9	31.7		38.9

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 6360
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 17629 First Print Out Time Report: Office Category**

**Full Detailed Test Report - LETTER**

HP LaserJet Enterprise M605DN & Managed M605 Series

Printing device and settings	
Test Start Date and Time	12/16/2014 15:13
Tester	AH
Machine name/model	HP LaserJet Enterprise M605DN & Managed M605 Series
Colour or B&W	B&W
FW Version	2304061_439462
Configuration (options)	Default
Controller	1.109
Printing device page count	Not Specified
Printing supplies page count	Not Specified
Temperature and Humidity	71 degF / 22 degC 26.85 %rH
Voltage	110V
Test End Date and Time	7/10/2015 16:54

	Item	Value
Mode and Setting	PDL and driver version	14310_361-239 (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 Path	Paper exit	Standard exit tray
	Output orientation	default (face up or face down)

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

Summary Report: Letter		FPOT from Ready (seconds)
B&W	Simplex	6.62
	Duplex	10.34

- 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	6.63	6.57	6.66	6.62	21 Seconds
	FPOT from Ready - Duplex	10.09	10.22	10.70	10.34	21 Seconds
	FPOT from Sleep - Simplex			9.63		
	Recovery Time			3.0		
	FPOT from Off - Simplex			86.25		
	Warm-up Time			79.59		

- 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.

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	Built-in
	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	Adobe Reader 10.1.4 14310_361-239 (8.00.1308.2073)

**ISO/IEC 17629 First Print Out Time Report: Office Category**  
 Full Detailed Test Report - A4

HP LaserJet Enterprise M605DN & Managed M605 Series	
<b>Printing device and settings</b>	
Test Start Date and Time	12/16/2014 15:13
Tester	AH
Machine name/model	HP LaserJet Enterprise M605DN & Managed M605 Series
Colour or B&W	B&W
FW Version	2304061_439462
Configuration (options)	Default
Controller	1.109
Printing device page count	Not Specified
Printing supplies page count	Not Specified
Temperature and Humidity	71 degF / 22 degC 26.85 %rH
Voltage	110V
Test End Date and Time	7/10/2015 16:54

	<b>Item</b>	<b>Value</b>
<b>Mode and Setting</b>	PDL and driver version	14310_361-239 (8.00.1308.2073)
	Print Quality mode	default
	B&W settings	default
	Paper feed orientation	Short Edge
<b>Paper</b>	Paper type setting	default
	Paper feeding	Standard cassette
<b>Paper Path</b>	Paper exit	Standard exit tray
	Output orientation	default (face up or face down)

<b>ISO First Page Out Time Summary Report: Office Category</b>		
Summary Report: A4		
		<b>FPOT from Ready (seconds)</b>
<b>B&amp;W</b>	Simplex	6.76
	Duplex	10.42
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 <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> .		
4) Port monitor not configured to follow device if the IP address changes.		
5) Page counts were collected after completion of the tests.		

<b>ISO First Page Out Time Report: Office Category</b>						
Detailed Report: A4						
		<b>Word (seconds)</b>	<b>Excel (seconds)</b>	<b>Adobe Reader (seconds)</b>	<b>Average (seconds)</b>	<b>Delay Time</b>
<b>Color Mode</b>	FPOT from Ready - Simplex					
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex					
	Recovery Time					
	FPOT from Off - Simplex					
	Warm-up Time					
<b>B&amp;W Mode</b>	FPOT from Ready - Simplex	6.53	6.61	7.13	6.76	21 Seconds
	FPOT from Ready - Duplex	10.15	10.29	10.80	10.42	21 Seconds
	FPOT from Sleep - Simplex			9.55		
	Recovery Time			2.4		
	FPOT from Off - Simplex			84.29		
	Warm-up Time			77.17		
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 <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a> .						
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.						

<b>Test System Parameters</b>		
<b>Item</b>	<b>Value</b>	
<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 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
<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 Adobe Reader 10.1.4
	Print Driver	14310_361-239 (8.00.1308.2073)