

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP LaserJet Enterprise Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series

Printing device and settings		
Test Start Date and Time	4/11/2017 10:16	
Tester	RM	
Machine name/model	HP LaserJet Enterprise Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series	
Colour or B&W	B&W	
FW Version	2403298_006036	
Temperature and Humidity	70 degF / 21 degC 20.0 %RH	
Voltage	110V	
Test End Date and Time	7/24/2017 12:08	

	Item	Value
Mode and Setting	Driver Version	UPD 6.4.0
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	default
	Duplex B&W Settings	default
	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: Letter			
Office Category Test for B&W Device		FSOT (seconds)	ESAT (ipm)
B&W	Simplex	7.9	65.5
	Duplex	10.2	58.1
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 <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.			

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	8.31	28.89 ( 1 set )	57.39 ( 10 sets )	62.76 ( 68 sets )	65.53
	Simplex - Word	7.54	31.83 ( 1 set )	59.41 ( 10 sets )		65.61
	Simplex - Excel	7.75	30.98 ( 1 set )	59.22 ( 10 sets )		65.59
	Simplex - Average	7.9	30.5	58.6	62.7	65.5
	Duplex - Adobe Reader	10.77	22.28 ( 1 set )	48.06 ( 9 sets )		58.16
	Duplex - Word	9.56	25.10 ( 1 set )	49.88 ( 9 sets )		58.14
	Duplex - Excel	10.07	23.84 ( 1 set )	49.60 ( 9 sets )		58.08
	Duplex - Average	10.2	23.7	49.1		58.1
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 <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.						

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 Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series

Printing device and settings	
Test Start Date and Time	4/11/2017 10:16
Tester	RM
Machine name/model	HP LaserJet Enterprise Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series
Colour or B&W	B&W
FW Version	2403298 006036
Temperature and Humidity	70 degF / 21 degC 20.0 %rH
Voltage	110V
Test End Date and Time	7/24/2017 12:08
Item	
Value	
Driver Version	UPD 6.4.0
Media/Quality Setting	Default / Default
Simplex B&W Settings	default
Duplex B&W Settings	default
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: A4			
Office Category Test for B&W Device		FSOT (seconds)	ESAT (ipm)
B&W	Simplex	8.3	61.5
	Duplex	10.4	55.5

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://w.w.w.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	8.72	27.52 ( 1 set )	53.18 ( 9 sets )	59.29 ( 63 sets )	61.52
	Simplex - Word	7.93	30.26 ( 1 set )	55.21 ( 9 sets )		61.53
	Simplex - Excel	8.14	29.50 ( 1 set )	54.74 ( 9 sets )		61.55
	Simplex - Average	8.3	29.0	54.3	59.2	61.5
	Duplex - Adobe Reader	10.75	22.32 ( 1 set )	45.52 ( 8 sets )		55.50
	Duplex - Word	9.76	24.58 ( 1 set )	44.52 ( 8 sets )		55.54
	Duplex - Excel	10.42	23.06 ( 1 set )	46.42 ( 8 sets )		55.46
	Duplex - Average	10.4	23.3	45.4		55.5

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://w.w.w.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	Builitn
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 LaserJet Enterprise Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series

Printing device and settings		
Test Start Date and Time	4/11/2017 10:16	
Tester	RM	
Machine name/model	HP LaserJet Enterprise Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series	
Colour or B&W	B&W	
FW Version	2403298 006036	
Temperature and Humidity	70 degF / 21 degC 20.0 %rH	
Voltage	110V	
Test End Date and Time	7/24/2017 12:08	
Item		
Value		
Mode and Setting	Driver Version	UPD 6.4.0
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	default
	Duplex B&W Settings	default
	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

**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		
Legal - Colour	Simplex		
Legal - Colour	Duplex		
A5 Landscape Feed - B/W	Simplex	147%	163%
A5 Portrait Feed - B/W	Simplex	71%	41%
Legal - B/W	Simplex		
Legal - B/W	Duplex		

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

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

Printing Modes Feature Adobe Reader - Office test file (8-page)	Base Printing Mode		Feature Performance			
	FSOT Base	ESAT Base	A5 and Legal			
			1 set FSOT (secs)	1 set + 30 sec ESAT (ipm)	FSOT (base) FSOT (feature)	ESAT (feature) ESAT (base)
Simplex A5 Landscape Feed - Colour						
Simplex A5 Portrait Feed - Colour						
Legal Simplex - Colour						
Legal Duplex - Colour						
Simplex A5 Landscape Feed - B/W	13.59	61.73	9.29	100.9	147%	163%
Simplex A5 Portrait Feed - B/W	13.59	61.73	19.39	25.6	71%	41%
Legal Simplex - B/W	13.59	61.73				
Legal Duplex - B/W	13.59	61.73				

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	
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
I/O	TCP/IP	TCP/IP 10/1000
Software	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 Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series

Printing device and settings	
Test Start Date and Time	4/11/2017 10:16
Tester	RM
Machine name/model	HP LaserJet Enterprise Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series
Colour or B&W	B&W
FW Version	2403298_006036
Configuration (options)	Default
Controller	4.119
Printing device page count	Not Specified
Printing supplies page count	Not Specified
Temperature and Humidity	70 degF / 21 degC 20.0 %rH
Voltage	110V
Test End Date and Time	7/24/2017 12:08

Item	Value	
Mode and Setting	PDL and driver version	UPD 6.4.0
	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	4.99
	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.  
 6) Details for FPOT from Sleep are shown below.

**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			N/A		
	Recovery Time					
	FPOT from Off - Simplex					
	Warm-up Time					
B&W Mode	FPOT from Ready - Simplex	4.64	4.91	5.40	4.99	21 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			15.59		105 Minutes
	Recovery Time			10.2		
	FPOT from Off - Simplex			167.00		
	Warm-up Time			161.60		

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	N/A	N/A	N/A	N/A	Adobe Reader	
	FPOT from Sleep (15 minutes) HP/Non ISO Test	N/A	N/A	N/A	N/A	Adobe Reader	
B&W Mode	FPOT from Sleep	15.59	15.73	15.44	N/A	Adobe Reader	105 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	10.83	10.88	10.77	N/A	Adobe Reader	15 Minutes

Notes  
 1) All printing device and driver settings were default mode.  
 2) For the B/W results, the print driver was set to "print in B/W".  
 3) DLP Includes detailed iterations as data measurements may vary run to run.

Test System Parameters		
Item	Value	
Test System	Computer	HP Compaq Elite 8300 Small Form Factor
	Processor	Intel Core i7 -3770, 3.4 GHz
	System Chip Set	Intel C216 Chipset Family SMBus Host Controller
	System Board	System 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	UPD 6.4.0

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

**Full Detailed Test Report - A4**

HP LaserJet Enterprise Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series

Printing device and settings	
Test Start Date and Time	4/11/2017 10:16
Tester	RM
Machine name/model	HP LaserJet Enterprise Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series
Colour or B&W	B&W
FW Version	2403298_006036
Configuration (options)	Default
Controller	4.119
Printing device page count	Not Specified
Printing supplies page count	Not Specified
Temperature and Humidity	70 degF / 21 degC 20.0 %rH
Voltage	110V
Test End Date and Time	7/24/2017 12:08

Item	Value	
<b>Mode and Setting</b>	PDL and driver version	UPD 6.4.0
	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)

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

Summary Report: A4

		FPOT from Ready (seconds)
<b>B&amp;W</b>	Simplex	4.95
	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					
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			N/A		
	Recovery Time					
	FPOT from Off - Simplex					
	Warm-up Time					
<b>B&amp;W Mode</b>	FPOT from Ready - Simplex	4.63	4.77	5.44	4.95	21 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			16.16		105 Minutes
	Recovery Time			10.7		
	FPOT from Off - Simplex			184.14		
	Warm-up Time			178.70		

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	N/A	N/A	N/A	N/A	Adobe Reader	
	FPOT from Sleep (15 minutes) HP/Non ISO Test	N/A	N/A	N/A	N/A	Adobe Reader	
<b>B&amp;W Mode</b>	FPOT from Sleep	16.16	16.01	16.31	N/A	Adobe Reader	105 Minutes
	FPOT from Sleep (15 minutes) HP/Non ISO Test	10.81	10.89	10.73	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 Board	System devices, default system BIOS
	System Memory	4 GB
	Hard Drive Subsystem	Standard disk drive (Seagate)
	Video Subsystem	AMD Radeon HD 6350
	Optical Drive	HP DVD A DH16aC5HR ATA
	I/O Subsystem	Builtin
	USB Subsystem	USB 2.0/3.0
<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	UPD 6.4.0

# ISO/IEC 29183 Copy Productivity Report

## Full Detailed Test Report - LETTER

HP LaserJet Enterprise Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series

Machine Setup Information	
Test Start Date and Time	4/19/2017 8:29
Tester	RM
Machine name/model	HP LaserJet Enterprise Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series
Colour or B&W	B&W
FW Version	2403298_006036
Configuration (options)	Not Specified
Temperature and Humidity	70 degF / 21 degC 20.0 %rH
Test End Date and Time:	4/19/2017 14:52

	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
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: <b>Letter</b>		
	sFCOT	sESAT (ipm)
<b>B&amp;W</b>	4.6	65.4

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

Detailed Report: <b>LETTER</b>						
	Target	sFCOT (secs)	sEFTP (ipm)			sESAT (ipm)
			1copy	1copy+30sec	1copy+4minutes	
<b>B&amp;W</b>	A	4.60	13.05	56.86 35 sets	62.71 268 sets	65.42
	B					
	C					
	D					
	Average	4.6	13.1	56.9	62.7	65.4

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

# ISO/IEC 29183 Copy Productivity Report

## Full Detailed Test Report - A4

HP LaserJet Enterprise Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series

Machine Setup Information	
Test Start Date and Time	4/19/2017 8:29
Tester	RM
Machine name/model	HP LaserJet Enterprise Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series
Colour or B&W	B&W
FW Version	2403298_006036
Configuration (options)	Not Specified
Temperature and Humidity	70 degF / 21 degC 20.0 %rH
Test End Date and Time:	4/19/2017 14:52

	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
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter / A4
	Paper type/name	HP Multipurpose Ultra White / HP Office

Summary Report: <b>A4</b>		
	sFCOT	sESAT (ipm)
<b>B&amp;W</b>	4.6	61.3

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

Detailed Report: <b>A4</b>						
	Target	sFCOT (secs)	sEFTP (ipm)			sESAT (ipm)
			1copy	1copy+30sec	1copy+4minutes	
<b>B&amp;W</b>	A	4.59	13.07	48.86 32 sets	58.95 249 sets	61.33
	B					
	C					
	D					
	Average	4.6	13.1	48.9	59.0	61.3

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

# ISO/IEC 24735 Copy Productivity Report

Full Detailed Test Report - LETTER

Machine Setup Information	
Test Start Date and Time	4/20/2017 6:01
Tester	RM
Machine name/model	HP LaserJet Enterprise Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series
Colour or B&W	B&W
FW Version	2403298_006036
Configuration (options)	Not Specified
Temperature and Humidity	70 degF / 21 degC 20.0 %rH
Test End Date and Time:	7/24/2017 11:33
Pre-set Item	
Pre-set Value	
Output Resolution	Default
Output Quality	Default
Copying Mode	Default
Auto Density Adjustment	Default
Collating function	Activated (if not activated in default mode)
Paper Sending Direction	Default
Paper Type Setting	Default
Paper Feeding	Standard cassette
Paper Exit	Standard exit tray
Face Up Exit	Default
Fixing Capability	Default
Image Quality Stability	Default
Capacity of Paper	Default
Others	Default
Paper Manufacturer	HP / Xerox
Paper Weight	20lb / 75 g/m2
Paper Size	Letter / A4

ISO/IEC 24735 Copy Productivity Report						
Detailed Report: LETTER						
	Copying Mode	FSOT (secs)	EFTP (ipm)			ESAT (ipm)
		1 set only	1 set only	1 set + 30sec	1 set + 4min	1 set + 30sec
Color Mode	1:1		( 1 set )			
	1:2		( 1 set )			
	2:2		( 1 set )			
B&W mode	1:1	8.33	28.81	53.84 10 sets	62.54 67 sets	65.23
	1:2	11.19	21.44	46.80 9 sets		57.86
	2:2	14.90	16.10	44.04 9 sets		57.98
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	4/20/2017 6:01
Tester	RM
Machine name/model	HP LaserJet Enterprise Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series
Colour or B&W	B&W
FW Version	2403298_006036
Configuration (options)	Not Specified
Temperature and Humidity	70 degF / 21 degC 20.0 %rH
Test End Date and Time:	7/24/2017 11:33
Pre-set Item	
Pre-set Value	
Output Resolution	Default
Output Quality	Default
Copying Mode	Default
Auto Density Adjustment	Default
Collating function	Activated (if not activated in default mode)
Paper Sending Direction	Default
Paper Type Setting	Default
Paper Feeding	Standard cassette
Paper Exit	Standard exit tray
Face Up Exit	Default
Fixing Capability	Default
Image Quality Stability	Default
Capacity of Paper	Default
Others	Default
Paper Manufacturer	HP / Xerox
Paper Weight	20lb / 75 g/m2
Paper Size	Letter / A4

ISO/IEC 24735 Copy Productivity Report						
Detailed Report: A4						
	Copying Mode	FSOT (secs)	EFTP (ipm)			ESAT (ipm)
		1 set only	1 set only	1 set + 30sec	1 set + 4min	1 set + 30sec
Colour Mode	1:1		( 1 set )			
	1:2		( 1 set )			
	2:2		( 1 set )			
B&W mode	1:1	8.04	29.86	51.71 9 sets	58.84 64 sets	61.31
	1:2	11.99	20.02	44.52 8 sets		55.10
	2:2	14.26	16.82	40.80 8 sets		54.80
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	4/11/2017 12:45	
Tester	RM	
Machine name/model	HP LaserJet Enterprise Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series	
Colour or B&W	B&W	
Configuration (options)	Default	
Temperature and Humidity	70 degF / 21 degC 20.0 %rH	
Voltage	110V	
Test End Date and Time	4/11/2017 14:41	

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	default (long edge)
		Output orientation	default
Scanning unit		default (duplex ADF)	

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

Summary Report: Letter

	Scanning Mode			Measurement result scESAT 30secA (ipm)
	File format version	Resolution	Scanning side	
Colour	pdf	200	single sided	92.78
			double sided	186.37
B&W	pdf	200	single sided	92.45
			double sided	186.53

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	200	single sided	66.38	4.30	13.00
			double sided	78.96	9.12	25.00
B&W	pdf	200	single sided	71.72	2.32	13.00
			double sided	77.51	4.87	26.00

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

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

Summary Report: Letter

	Scanning Mode			Measurement result		
	File format version	Resolution	Scanning side	scEFTP 1setA (ipm)	scEFTP 30secA (ipm)	scESAT 30secA (ipm)
Colour	pdf	200	single sided	43.61	85.02	92.78
			double sided	52.70	169.31	186.37
B&W	pdf	200	single sided	44.52	85.78	92.45
			double sided	52.45	169.26	186.53

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	200	single sided	26.66	66.38	4.30	13
			double sided	26.66	78.96	9.12	25
B&W	pdf	200	single sided	28.33	71.72	2.32	13
			double sided	26.66	77.51	4.87	26

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

**Test System Parameters**

	Item	Value	
System	Computer name	HP Compaq Elite 8300 Small Form Factor	
	Processor	Intel Core i7 -3770, 3.4 Ghz	
	System Chip Set	Intel C216 Chipset Family SMBus Host Controller	
	System Board	System devices, default system BIOS	
	System Memory	4 GB	
	Hard Drive Subsystem	Standard disk drive (Seagate)	
	Video Subsystem	AMD Radeon HD 6350	
	Optical Drive	HP DVD A DH16aCSHR ATA	
	I/O Subsystem	Builtin	
	USB Subsystem	USB 2.0/3.0	
	Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1	
	Scanning Device Connection	Location of network folder	PC
		Internet Protocol Transfer Protocol	IPv4 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	4/11/2017 12:45	
Tester	RM	
Machine name/model	HP LaserJet Enterprise Flow MFP M632z & LaserJet Managed Flow MFP E62565 Series	
Colour or B&W	B&W	
Configuration (options)	Default	
Temperature and Humidity	70 degF / 21 degC 20.0 %rH	
Voltage	110V	
Test End Date and Time	4/11/2017 14:41	

Mode and Setting	Presets Item	Presets Value
	ADF Paper-path	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)
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: A4

	Scanning Mode			Measurement result
	File format version	Resolution	Scanning side	scESAT 30secA (ipm)
Colour	pdf	200	single sided	87.77
			double sided	176.37
B&W	pdf	200	single sided	87.70
			double sided	176.07

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	200	single sided	64.00	3.99	12.00
			double sided	80.56	8.56	24.00
B&W	pdf	200	single sided	68.57	2.13	12.00
			double sided	75.78	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	200	single sided	42.55	80.99	87.77
			double sided	50.11	159.49	176.37
B&W	pdf	200	single sided	43.40	80.71	87.7
			double sided	53.24	159.52	176.07

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	200	single sided	26.66	64.00	3.99	12
			double sided	28.33	80.56	8.56	24
B&W	pdf	200	single sided	26.66	68.57	2.13	12
			double sided	26.66	75.78	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	Builtin
	Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1
Scanning Device Connection	Location of network folder	PC
	Internet Protocol	IPv4
	Transfer Protocol	SMB
	Hub	Trendnet Router and Gbit Switch
	Network Speed	TCP 10/1000 Mbit Ethernet
	Connection Cable	Cat6 Straight cable
	Wireless router	No use
	Others	No use