

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP Color LaserJet Enterprise M553 Series & Color LaserJet Managed M553 Series & Color LaserJet Managed E55040 Series

Printing device and settings	
Test Start Date and Time	2/12/2015 10:32
Tester	JB
Machine name/model	HP Color LaserJet Enterprise M553 Series & Color LaserJet Managed M553 Series & Color LaserJet Managed E55040 Series
Colour or B&W	Colour
P/W Version	2304069_439624
Temperature and Humidity	74 degF / 23 degC 25.58 %rH
Voltage	110V
Test End Date and Time	2/23/2015 8:05

	Item	Value
Mode and Setting	Driver Version	3.00.1308.2073
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Grayscale
	Duplex B&W Settings	Print in Grayscale
Paper Path	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
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 Color Device	FSOT (seconds)	ESAT (ipm)
Color	Simplex	11.9	40.2
	Duplex	14.2	40.9
B&W	Simplex	11.1	40.2
	Duplex	13.2	40.9

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: 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	12.76	18.80 (1 set)	34.52 (7 sets)	37.50 (44 sets)	40.22	
	Simplex - Word	11.52	20.83 (1 set)	35.50 (7 sets)		40.23	
	Simplex - Excel	11.39	21.07 (1 set)	35.55 (7 sets)		40.23	
	Simplex - Average	11.9	20.2 (1 set)	35.1 (7 sets)	37.5	40.2	
	Duplex - Adobe Reader	15.08	15.90 (1 set)	32.56 (7 sets)		41.00	
	Duplex - Word	13.65	17.56 (1 set)	33.48 (7 sets)		40.98	
	Duplex - Excel	13.75	17.44 (1 set)	33.46 (7 sets)		40.98	
	Duplex - Average	14.2	16.9 (1 set)	33.1 (7 sets)		40.9	
	B&W mode (optional for color device)	Simplex - Adobe Reader	11.77	20.39 (1 set)	35.88 (7 sets)	38.57 (44 sets)	40.23
		Simplex - Word	10.65	22.54 (1 set)	36.78 (7 sets)		40.22
Simplex - Excel		10.70	22.41 (1 set)	36.54 (7 sets)		40.21	
Simplex - Average		11.1	21.7 (1 set)	36.4 (7 sets)	38.5	40.2	
Duplex - Adobe Reader		13.79	17.40 (1 set)	31.90 (7 sets)		40.98	
Duplex - Word		12.79	18.76 (1 set)	33.38 (7 sets)		40.98	
Duplex - Excel		12.79	18.74 (1 set)	32.54 (7 sets)		40.98	
Duplex - Average		13.2	18.3 (1 set)	32.6 (7 sets)		40.9	

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
OS/BIOS	Windows 7/10/1000
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 Enterprise M553 Series & Color LaserJet Managed M553 Series & Color LaserJet Managed E55040 Series

Printing device and settings		
Test Start Date and Time		2/12/2015 10:32
Tester		JB
Machine name/model		HP Color LaserJet Enterprise M553 Series & Color LaserJet Managed M553 Series & Color LaserJet Managed E55040 Series
Colour or B&W		Colour
FW Version		2304069_439624
Temperature and Humidity		74 degF / 23 degC 25.58 %RH
Voltage		110V
Test End Date and Time		2/23/2015 8:05

Item	Value	
Mode and Setting	Driver Version	8.00.1308.2073
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Grayscale
	Duplex B&W Settings	Print in Grayscale
	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 Color Device		FSOT (seconds)	ESAT (ipm)
Colour	Simplex	11.7	38.0
	Duplex	14.6	38.9
B&W	Simplex	10.8	38.0
	Duplex	13.5	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	12.39	19.35 (1 set)	33.32 (7 sets)	37.01 (42 sets)	38.07
	Simplex - Word	11.16	21.48 (1 set)	34.08 (7 sets)		38.08
	Simplex - Excel	11.42	21.00 (1 set)	33.94 (7 sets)		38.08
	Simplex - Average	11.7	20.6	33.7	37.0	38.0
	Duplex - Adobe Reader	15.19	15.78 (1 set)	31.16 (7 sets)		38.94
	Duplex - Word	14.19	16.90 (1 set)	31.32 (7 sets)		38.92
	Duplex - Excel	14.14	16.96 (1 set)	31.88 (7 sets)		38.92
	Duplex - Average	14.6	16.5	31.4		38.9
B&W mode (optional for color device)	Simplex - Adobe Reader	11.15	21.51 (1 set)	34.09 (7 sets)	36.46 (42 sets)	38.08
	Simplex - Word	10.36	23.15 (1 set)	34.95 (7 sets)		38.07
	Simplex - Excel	10.63	22.58 (1 set)	34.78 (7 sets)		38.07
	Simplex - Average	10.8	22.4	34.6	36.4	38.0
	Duplex - Adobe Reader	13.86	17.30 (1 set)	30.58 (7 sets)		38.96
	Duplex - Word	13.16	18.22 (1 set)	31.90 (7 sets)		38.94
	Duplex - Excel	13.20	18.16 (1 set)	31.10 (7 sets)		38.92
	Duplex - Average	13.5	17.8	31.1		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 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 Enterprise M553 Series & Color LaserJet Managed M553 Series & Color LaserJet Managed E55040 Series

Printing device and settings		
Test Start Date and Time	2/12/2015 10:32	
Tester	JB	
Machine name/model	HP Color LaserJet Enterprise M553 Series & Color LaserJet Managed M553 Series & Color LaserJet Managed E55040 Series	
Colour or B&W	Colour	
FW Version	2304069_439624	
Temperature and Humidity	74 degF / 23 degC 25.58 %RH	
Voltage	110V	
Test End Date and Time	2/23/2015 8:05	

Item	Value	
Mode and Setting	Driver Version	8.00.1308.2073
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Grayscale
	Duplex B&W Settings	Print in Grayscale
	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	137%	155%
A5 Portrait Feed - Colour	Simplex	99%	42%
Legal - Colour	Simplex		
Legal - Colour	Duplex		
A5 Landscape Feed - B/W	Simplex	134%	157%
A5 Portrait Feed - B/W	Simplex	90%	45%
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			
			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	19.19	38.08	14.08	59.3	137%	155%
Simplex A5 Portrait Feed - Colour	19.19	38.08	19.39	16.3	99%	42%
Legal Simplex - Colour	19.19	38.08				
Legal Duplex - Colour	19.19	38.08				
Simplex A5 Landscape Feed - B/W	17.91	38.07	13.45	59.8	134%	157%
Simplex A5 Portrait Feed - B/W	17.91	38.07	20.09	17.4	90%	45%
Legal Simplex - B/W	17.91	38.07				
Legal Duplex - B/W	17.91	38.07				

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	
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 Color LaserJet Enterprise M553 Series & Color LaserJet Managed M553 Series & Color LaserJet Managed E55040 Series

Printing device and settings	
Test Start Date and Time	2/12/2015 10:32
Tester	JB
Machine name/model	HP Color LaserJet Enterprise M553 Series & Color LaserJet Managed M553 Series & Color LaserJet Managed E55040 Series
Colour or B&W	Colour
FW Version	2304069 439624
Configuration (options)	Default
Controller	4.129
Printing device page count	Not Specified
Printing supplies page count	Not Specified
Temperature and Humidity	73 degF / 23 degC 27.25 %rH
Voltage	110V
Test End Date and Time	2/23/2015 8:05

Item	Value	
Mode and Setting	PDL and driver version	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)
Color	Simplex	6.69
	Duplex	11.09
B&W	Simplex	5.54
	Duplex	9.99

- 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	6.26	6.27	7.52	6.69	21 Seconds
	FPOT from Ready - Duplex	10.96	10.61	11.68	11.09	21 Seconds
	FPOT from Sleep - Simplex			8.77		
	Recovery Time			1.3		
	FPOT from Off - Simplex			91.65		
	Warm-up Time			84.13		
B&W Mode	FPOT from Ready - Simplex	5.23	5.35	6.04	5.54	21 Seconds
	FPOT from Ready - Duplex	9.93	9.61	10.42	9.99	21 Seconds
	FPOT from Sleep - Simplex			8.69		
	Recovery Time			2.7		
	FPOT from Off - Simplex			90.36		
	Warm-up Time			84.32		

- 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.

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	Adobe Reader 10.1.4 8.00.1308.2073

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

HP Color LaserJet Enterprise M553 Series & Color LaserJet Managed M553 Series & Color LaserJet Managed E55040 Series	
Printing device and settings	
Test Start Date and Time	2/12/2015 10:32
Tester	JB
Machine name/model	HP Color LaserJet Enterprise M553 Series & Color LaserJet Managed M553 Series & Color LaserJet Managed E55040 Series
Colour or B&W	Colour
FW Version	2304069 439624
Configuration (options)	Default
Controller	4.129
Printing device page count	Not Specified
Printing supplies page count	Not Specified
Temperature and Humidity	73 degF / 23 degC 27.25 %rH
Voltage	110V
Test End Date and Time	2/23/2015 8:05

	Item	Value
Mode and Setting	PDL and driver version	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)

ISO First Page Out Time Summary Report: Office Category		
Summary Report: A4		
		FPOT from Ready (seconds)
Colour	Simplex	6.67
	Duplex	11.33
B&W	Simplex	5.61
	Duplex	10.30
<small>Notes</small> 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	6.42	7.30	6.67	21 Seconds
	FPOT from Ready - Duplex	10.79	11.18	12.02	11.33	21 Seconds
	FPOT from Sleep - Simplex			8.64		
	Recovery Time			1.3		
	FPOT from Off - Simplex			88.03		
	Warm-up Time			80.72		
B&W Mode	FPOT from Ready - Simplex	5.27	5.43	6.13	5.61	21 Seconds
	FPOT from Ready - Duplex	9.75	10.24	10.90	10.30	21 Seconds
	FPOT from Sleep - Simplex			8.48		
	Recovery Time			2.4		
	FPOT from Off - Simplex			90.43		
	Warm-up Time			84.30		
<small>Notes</small> 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	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	Adobe Reader 10.1.4 8.00.1308.2073