

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

Brother HL-3140CW

Printing device and settings	
Test Start Date and Time	12/17/2014 13:12
Tester	KN
Machine name/model	HL-3140CW
Colour or B&W	Colour
FW Version	1.14/1.03
Temperature and Humidity	80 degF / 27 degC, 20 %rH
Voltage	110V
Test End Date and Time	12/19/2014 12:11

Item	Value	
Mode and Setting	Driver Version	Not Specified
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Mono
	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)	No
	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			
Color	Office Category Test for Color Device	FSOT (seconds)	ESAT (ipm)
Color	Simplex	25.2	19.6
	Duplex	N/A	N/A
B&W	Simplex	25.1	19.7
	Duplex	N/A	N/A

- 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 (1 set)	1 set + 30sec (# of sets)	
Color Mode	Simplex - Adobe Reader	25.80	9.28 (1 set)	15.31 (4 sets)	16.98 (22 sets)	19.73
	Simplex - Word	24.85	9.65 (1 set)	14.18 (4 sets)		19.63
	Simplex - Excel	24.91	9.61 (1 set)	15.58 (4 sets)		19.71
	Simplex - Average	25.2	9.5	15.0	16.9	19.6
	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	26.16	9.19 (1 set)	15.54 (4 sets)	17.84 (23 sets)	19.78
	Simplex - Word	24.43	9.82 (1 set)	15.65 (4 sets)		19.64
	Simplex - Excel	24.53	9.77 (1 set)	15.67 (4 sets)		19.68
	Simplex - Average	25.1	9.5	15.6	17.8	19.7
	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

- 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	USB 2.0
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

Brother HL-3140CW

Printing device and settings	
Test Start Date and Time	12/17/2014 13:12
Tester	KN
Machine name/model	HL-3140CW
Colour or B&W	Colour
FW Version	1.14/1.03
Temperature and Humidity	80 degF / 27 degC, 20 %RH
Voltage	110V
Test End Date and Time	12/19/2014 12:11

Item	Value	
Mode and Setting	Driver Version	Not Specified
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Mono
	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)	No
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 Color Device		FSOT (seconds)	ESAT (ipm)
Colour	Simplex	25.7	18.9
	Duplex	N/A	N/A
B&W	Simplex	25.2	18.9
	Duplex	N/A	N/A

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)	
Colour Mode	Simplex - Adobe Reader	26.15	9.17 (1 set)	14.95 (4 sets)	16.80 (22 sets)	19.04
	Simplex - Word	25.31	9.47 (1 set)	15.09 (4 sets)		18.89
	Simplex - Excel	25.37	9.44 (1 set)	15.17 (4 sets)		18.98
	Simplex - Average	25.7	9.3	15.0	16.8	18.9
	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	25.54	9.39 (1 set)	15.04 (4 sets)	16.92 (22 sets)	18.98
	Simplex - Word	24.87	9.64 (1 set)	15.14 (4 sets)		18.88
	Simplex - Excel	25.05	9.57 (1 set)	15.20 (4 sets)		18.91
	Simplex - Average	25.2	9.5	15.1	16.9	18.9
	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

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 DH16aCXHR ATA
I/O Subsystem	Builtin
USB Subsystem	USB 2.0/3.0
TCP/IP	USB 2.0
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

Brother HL-3140CW

Printing device and settings	
Test Start Date and Time	12/8/2014 16:41
Tester	KN
Machine name/model	HL-3140CW
Colour or B&W	Colour
Configuration (options)	Default
Controller	Not Specified
Printing device page count	2690
Printing supplies page count	1090/1090/1090/2690 (CMYK)
Temperature and Humidity	78 degF / 25 degC, 27 %RH
Voltage	110V
Test End Date and Time	12/19/2014 9:21

	Item	Value
Mode and Setting	PDL and driver version	default
	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)
	Duplexing unit	Short Edge

ISO First Page Out Time Summary Report: Office Category

Summary Report: Letter		
FPOT from Ready (seconds)		
Color	Simplex	15.9
	Duplex	
B&W	Simplex	15.4
	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	15.62	15.53	16.53	15.90	50 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			23.99		
	Recovery Time			7.5		
	FPOT from Off - Simplex			27.60		
	Warm-up Time			11.07		
B&W Mode	FPOT from Ready - Simplex	15.13	15.20	15.93	15.42	50 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			23.41		
	Recovery Time			7.5		
	FPOT from Off - Simplex			27.57		
	Warm-up Time			11.64		

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	Builitin
	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
	Test files and location	Office category files, hard drive

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

Full Detailed Test Report - A4

Brother HL-3140CW

Printing device and settings	
Test Start Date and Time	12/8/2014 16:41
Tester	KN
Machine name/model	HL-3140CW
Colour or B&W	Colour
Configuration (options)	Default
Controller	Not Specified
Printing device page count	2690
Printing supplies page count	1090/1090/1090/2690 (CMYK)
Temperature and Humidity	78 degF / 25 degC, 27 %rH
Voltage	110V
Test End Date and Time	12/19/2014 9:21

Item	Value	
Mode and Setting	PDL and driver version	default
	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)
Colour	Simplex	16.1
	Duplex	
B&W	Simplex	15.5
	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".
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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	15.63	15.78	16.75	16.05	50 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			23.85		
	Recovery Time			7.1		
	FPOT from Off - Simplex			27.88		
	Warm-up Time			11.13		
B&W Mode	FPOT from Ready - Simplex	15.34	15.30	15.86	15.50	50 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			23.85		
	Recovery Time			8.0		
	FPOT from Off - Simplex			27.53		
	Warm-up Time			11.67		

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		
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
	Test files and location	Not Specified