

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

Brother HL-L8250CDN

Printing device and settings		
Test Start Date and Time	6/15/2015 9:50	
Tester	BG	
Machine name/model	HL-L8250CDN	
Colour or B&W	Colour	
FW Version	Ver.B (12.11.13)	
Temperature and Humidity	78 degF / 26 degC, 27 %rH	
Voltage	110V	
Test End Date and Time	6/18/2015 9:47	

Item	Value	
Mode and Setting	Driver Version	v257.6001.18000.0
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Mono
	Duplex B&W Settings	Mono
	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 Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	17.2	31.1
	Duplex	25.4	15.4
B&W	Simplex	16.0	31.0
	Duplex	24.2	15.3

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".
 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	17.96	13.36 (1 set)	25.51 (6 sets)	23.16 (35 sets)	31.38
	Simplex - Word	16.70	14.36 (1 set)	25.86 (6 sets)		30.98
	Simplex - Excel	16.80	14.27 (1 set)	25.76 (6 sets)		30.97
	Simplex - Average	17.2	13.9	25.7	23.1	31.1
	Duplex - Adobe Reader	26.47	9.02 (1 set)	13.04 (4 sets)		15.38
	Duplex - Word	24.81	9.66 (1 set)	13.34 (4 sets)		15.38
	Duplex - Excel	24.87	9.64 (1 set)	13.36 (4 sets)		15.48
	Duplex - Average	25.4	9.4	13.2		15.4
B&W mode (optional for color device)	Simplex - Adobe Reader	16.68	14.38 (1 set)	25.96 (6 sets)	24.04 (34 sets)	31.13
	Simplex - Word	15.68	15.30 (1 set)	26.31 (6 sets)		31.12
	Simplex - Excel	15.62	15.36 (1 set)	26.39 (6 sets)		30.96
	Simplex - Average	16.0	15.0	26.2	24.0	31.0
	Duplex - Adobe Reader	24.61	9.72 (1 set)	13.30 (4 sets)		15.34
	Duplex - Word	23.90	10.02 (1 set)	13.48 (4 sets)		15.34
	Duplex - Excel	23.81	10.06 (1 set)	13.48 (4 sets)		15.34
	Duplex - Average	24.2	9.9	13.4		15.3

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".
 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

Brother HL-L8250CDN

Printing device and settings	
Test Start Date and Time	6/15/2015 9:50
Tester	BG
Machine name/model	HL-L8250CDN
Colour or B&W	Colour
FW Version	Ver.B (12.11.13)
Temperature and Humidity	78 degF / 26 degC, 27 %rH
Voltage	110V
Test End Date and Time	6/18/2015 9:47

Item	Value	
Mode and Setting	Driver Version	v257.6001.18000.0
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Mono
	Duplex B&W Settings	Mono
	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	17.7	29.5
	Duplex	25.7	15.1
B&W	Simplex	16.4	29.7
	Duplex	30.2	14.6

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	18.48	12.98 (1 set)	23.33 (5 sets)	22.77 (33 sets)	29.54
	Simplex - Word	17.14	13.99 (1 set)	24.02 (5 sets)		29.53
	Simplex - Excel	17.25	13.90 (1 set)	24.82 (6 sets)		29.56
	Simplex - Average	17.7	13.6	24.0	22.7	29.5
	Duplex - Adobe Reader	26.54	9.02 (1 set)	12.90 (4 sets)		15.12
	Duplex - Word	25.12	9.52 (1 set)	13.16 (4 sets)		15.16
	Duplex - Excel	25.22	9.50 (1 set)	13.16 (4 sets)		15.14
	Duplex - Average	25.7	9.3	13.0		15.1
B&W mode (optional for color device)	Simplex - Adobe Reader	16.92	14.18 (1 set)	24.20 (5 sets)	22.53 (33 sets)	29.73
	Simplex - Word	16.14	14.86 (1 set)	24.55 (5 sets)		29.56
	Simplex - Excel	16.01	14.98 (1 set)	24.80 (5 sets)		29.92
	Simplex - Average	16.4	14.6	24.5	22.5	29.7
	Duplex - Adobe Reader	42.43	7.38 (1 set)	13.12 (4 sets)		15.12
	Duplex - Word	23.98	10.00 (1 set)	12.28 (4 sets)		13.58
	Duplex - Excel	24.19	9.90 (1 set)	13.34 (4 sets)		15.16
	Duplex - Average	30.2	9.0	12.9		14.6

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

Brother HL-L8250CDN

Printing device and settings	
Test Start Date and Time	6/11/2015 13:33
Tester	BG
Machine name/model	HL-L8250CDN
Colour or B&W	Colour
FW Version	Ver.B (12.11.13)
Configuration (options)	Default
Controller	NA
Printing device page count	Not Specified
Printing supplies page count	Not Specified
Temperature and Humidity	79 degF / 26 degC, 28 %rH
Voltage	110V
Test End Date and Time	7/8/2015 4:56

Item	Value
Mode and Setting	
PDL and driver version	v257.6001.18000.0
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: Letter		
		F POT from Ready (seconds)
Color	Simplex	11.37
	Duplex	20.57
B&W	Simplex	10.14
	Duplex	19.20
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	F POT from Ready - Simplex	10.88	10.90	12.33	11.37	49 Seconds
	F POT from Ready - Duplex	19.87	20.39	21.44	20.57	49 Seconds
	F POT from Sleep - Simplex			28.40		63 Minutes
	Recovery Time			16.1		
	F POT from Off - Simplex			88.54		
	Warm-up Time			76.21		
B&W Mode	F POT from Ready - Simplex	9.86	9.82	10.72	10.14	48 Seconds
	F POT from Ready - Duplex	18.89	18.97	19.72	19.2	48 Seconds
	F POT from Sleep - Simplex			27.96		63 Minutes
	Recovery Time			17.2		
	F POT from Off - Simplex			86.20		
	Warm-up Time			75.48		
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 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
	Print Driver	Adobe Reader 10.1.4 v257.6001.18000.0

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

Full Detailed Test Report - A4

Brother HL-L8250CDN

Printing device and settings	
Test Start Date and Time	6/11/2015 13:33
Tester	BG
Machine name/model	HL-L8250CDN
Colour or B&W	Colour
FW Version	Ver.B (12.11.13)
Configuration (options)	Default
Controller	NA
Printing device page count	Not Specified
Printing supplies page count	Not Specified
Temperature and Humidity	79 degF / 26 degC, 28 %rH
Voltage	110V
Test End Date and Time	7/8/2015 4:56

Item	Value
Mode and Setting	
PDL and driver version	v257.6001.18000.0
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: A4		
		F POT from Ready (seconds)
Colour	Simplex	11.47
	Duplex	20.72
B&W	Simplex	10.17
	Duplex	19.55

- Notes
- 1) All printing device and driver settings were default mode.
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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	F POT from Ready - Simplex	10.95	11.09	12.37	11.47	49 Seconds
	F POT from Ready - Duplex	20.14	20.36	21.66	20.72	49 Seconds
	F POT from Sleep - Simplex			28.78		63 Minutes
	Recovery Time			16.4		
	F POT from Off - Simplex			88.79		
	Warm-up Time			76.42		
B&W Mode	F POT from Ready - Simplex	9.89	9.84	10.78	10.17	48 Seconds
	F POT from Ready - Duplex	19.20	19.25	20.17	19.55	48 Seconds
	F POT from Sleep - Simplex			28.30		63 Minutes
	Recovery Time			17.5		
	F POT from Off - Simplex			86.24		
	Warm-up Time			75.45		

- Notes
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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
Adobe Reader	Adobe Reader 10.1.4
Print Driver	v257.6001.18000.0