

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

Full Detailed Test Report - LETTER

Brother MFC-9130CW

Printing device and settings		
Test Start Date and Time	12/16/2014 14:20	
Tester	KN	
Machine name/model	MFC-9130CW	
Colour or B&W	Colour	
FW Version	K 1.02 F	
Temperature and Humidity	77 degF / 25 degC, 22 %rH	
Voltage	110V	
Test End Date and Time	2/2/2015 7:40	

Item	Value	
Mode and Setting	Driver Version	v259.6001.18000.0
	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
	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			
	Office Category Test for Color Device	FSOT (seconds)	ESAT (ipm)
Color	Simplex	25.2	19.7
	Duplex	N/A	N/A
B&W	Simplex	24.7	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 (# of sets)	1 set + 4min (# of sets)	
Color Mode	Simplex - Adobe Reader	25.88	9.26 (1 set)	16.61 (6 sets)	17.78 (25 sets)	19.80
	Simplex - Word	24.77	9.68 (1 set)	16.82 (6 sets)		19.80
	Simplex - Excel	24.77	9.68 (1 set)	16.80 (6 sets)		19.78
	Simplex - Average	25.2	9.5	16.7	17.7	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
B&W mode (optional for color device)	Simplex - Adobe Reader	25.03	9.58 (1 set)	16.48 (6 sets)	N/A	19.80
	Simplex - Word	24.46	9.81 (1 set)	16.80 (6 sets)		19.71
	Simplex - Excel	24.56	9.76 (1 set)	16.88 (6 sets)		19.78
	Simplex - Average	24.7	9.7	16.7	N/A	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 MFC-9130CW

Printing device and settings	
Test Start Date and Time	12/16/2014 14:20
Tester	KN
Machine name/model	MFC-9130CW
Colour or B&W	Colour
FW Version	K_1.02_F
Temperature and Humidity	77 degF / 25 degC, 22 %rH
Voltage	110V
Test End Date and Time	2/2/2015 7:40

Item	Value	
Mode and Setting	Driver Version	v259.6001.18000.0
	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)	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)	1 set + 4min (# of sets)	1 set + 30sec
Colour Mode	Simplex - Adobe Reader	26.30	9.11 ( 1 set )	16.05 ( 6 sets )	17.03 ( 24 sets )	19.00
	Simplex - Word	25.24	9.50 ( 1 set )	16.27 ( 6 sets )		19.03
	Simplex - Excel	25.38	9.44 ( 1 set )	16.23 ( 6 sets )		18.95
	Simplex - Average	25.7	9.3	16.1	17.0	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	25.57	9.36 ( 1 set )	16.13 ( 6 sets )	N/A	18.98
	Simplex - Word	24.80	9.67 ( 1 set )	16.25 ( 6 sets )		18.92
	Simplex - Excel	25.14	9.52 ( 1 set )	16.22 ( 6 sets )		18.91
	Simplex - Average	25.2	9.5	16.2	N/A	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 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 17629 First Print Out Time Report: Office Category**

Full Detailed Test Report - LETTER

Brother MFC-9130CW

Printing device and settings	
Test Start Date and Time	12/10/2014 14:32
Tester	KN
Machine name/model	MFC-9130CW
Colour or B&W	Colour
Configuration (options)	Default
Controller	Not Specified
Printing device page count	2267
Printing supplies page count	Not Specified
Temperature and Humidity	77 degF / 25 degC, 24 %rH
Voltage	110V
Test End Date and Time	1/7/2015 16:39

Item	Value	
<b>Mode and Setting</b>	PDL and driver version	default
	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)
	Duplexing unit	Short Edge

ISO First Page Out Time Summary Report: Office Category		
Summary Report: LETTER		
FPOT from Ready (seconds)		
Color	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".		
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.		

ISO First Page Out Time Report: Office Category						
Detailed Report: LETTER						
		Word (seconds)	Excel (seconds)	Adobe Reader (seconds)	Average (seconds)	Delay Time
<b>Color Mode</b>	FPOT from Ready - Simplex	15.67	15.80	16.79	16.09	50 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			24.85		
	Recovery Time			8.1		
	FPOT from Off - Simplex			31.04		
	Warm-up Time			14.25		
<b>B&amp;W Mode</b>	FPOT from Ready - Simplex	15.17	15.32	16.01	15.50	50 Seconds
	FPOT from Ready - Duplex					
	FPOT from Sleep - Simplex			24.60		
	Recovery Time			8.6		
	FPOT from Off - Simplex			30.56		
	Warm-up Time			14.54		
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.						

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 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	v259.6001.18000.0
	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 MFC-9130CW

Printing device and settings	
Test Start Date and Time	12/10/2014 14:32
Tester	KN
Machine name/model	MFC-9130CW
Colour or B&W	Colour
Configuration (options)	Default
Controller	Not Specified
Printing device page count	2267
Printing supplies page count	Not Specified
Temperature and Humidity	77 degF / 25 degC, 24 %rH
Voltage	110V
Test End Date and Time	1/7/2015 16:39

Item	Value	
<b>Mode and Setting</b>	PDL and driver version	default
	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)
	Duplexing unit	Short Edge

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

Summary Report: A4		
		FPOt from Ready (seconds)
<b>Colour</b>	Simplex	16.1
	Duplex	
<b>B&amp;W</b>	Simplex	15.6
	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>Colour Mode</b>	FPOt from Ready - Simplex	15.66	15.76	16.73	16.05	50 Seconds
	FPOt from Ready - Duplex					
	FPOt from Sleep - Simplex			24.67		
	Recovery Time			7.9		
	FPOt from Off - Simplex			31.01		
	Warm-up Time			14.27		
<b>B&amp;W Mode</b>	FPOt from Ready - Simplex	15.29	15.42	15.93	15.55	50 Seconds
	FPOt from Ready - Duplex					
	FPOt from Sleep - Simplex			24.67		
	Recovery Time			8.7		
	FPOt from Off - Simplex			30.70		
	Warm-up Time			14.77		

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	
<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 DH16aC SHR ATA
	I/O Subsystem	Builtin
	USB Subsystem	USB 2.0/3.0
<b>Printing Device Connection</b>	TCP/IP	10/1000
	Software	
<b>Software</b>	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	v259.6001.18000.0 Office category files, hard drive

**ISO/IEC 29183 Copy Productivity Report**

Full Detailed Test Report - LETTER

Brother MFC-9130CW

Machine Setup Information	
Test Start Date and Time	12/10/2014 7:15
Tester	KN
Machine name/model	MFC-9130CW
Colour or B&W	Colour
Configuration (options)	Not Specified
Temperature and Humidity	76 degF / 24 degC, 23 %rH
Test End Date and Time	1/30/2015 12:26

	Pre-set Item	Pre-set Value
Mode	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
Paper	Paper Sending Direction	Default
	Paper Type Setting	Default
Paper Path	Paper Feeding	Tray 2
	Paper Exit	Default
	Face Up Exit	Default (face down)
Temporary Stop	Fixing Capability	Default
	Image Quality Stability	Default
	Capacity of Paper	Default
	Others	None

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: Letter		
	sFCOT	sESAT (ipm)
Color	19.8	19.7
B&W	17.0	19.7

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.

Detailed Report: LETTER						
	Target	sFCOT (secs)	sEFTP (ipm)			sESAT (ipm)
			1copy	1copy+30sec	1copy+4minutes	
Color	A	19.78	3.02	14.18 14 sets	17.29 88 sets	19.82
	B	19.79	3.02	14.14 14 sets		19.73
	C	19.76	3.03	14.10 14 sets		19.66
	D	19.77	3.03	14.09 14 sets		19.66
	Average	19.8	3.0	14.1	17.2	19.7
B&W	A	16.89	3.54	14.44 14 sets		19.80
	B	16.84	3.55	14.93 14 sets		19.75
	C	16.96	3.53	14.81 14 sets		19.73
	D	16.98	3.52	14.38 14 sets		19.72
	Average	17.0	3.5	14.6		19.7

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.

**ISO/IEC 29183 Copy Productivity Report**

Full Detailed Test Report - A4

Brother MFC-9130CW

Machine Setup Information	
Test Start Date and Time	12/10/2014 7:15
Tester	KN
Machine name/model	MFC-9130CW
Colour or B&W	Colour
Configuration (options)	Not Specified
Temperature and Humidity	76 degF / 24 degC, 23 %rH
Test End Date and Time	1/30/2015 12:26

	Pre-set Item	Pre-set Value
Mode	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
Paper	Paper Sending Direction	Default
	Paper Type Setting	Default
Paper Path	Paper Feeding	Tray 2
	Paper Exit	Default
	Face Up Exit	Default (face down)
Temporary Stop	Fixing Capability	Default
	Image Quality Stability	Default
	Capacity of Paper	Default
	Others	None

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		
	sFCOT	sESAT (ipm)
Colour	20.1	18.9
B&W	17.1	18.9

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.

Detailed Report: A4						
	Target	sFCOT (secs)	sEFTP (ipm)			sESAT (ipm)
			1copy	1copy+30sec	1copy+4minutes	
Colour	A	20.09	2.98	13.75 14 sets	16.59 84 sets	19.07
	B	20.11	2.98	13.69 14 sets		18.96
	C	20.05	2.98	13.67 14 sets		18.92
	D	20.02	2.99	13.66 14 sets		18.86
	Average	20.1	2.9	13.6	16.5	18.9
B&W	A	17.11	3.50	13.90 14 sets		18.88
	B	17.05	3.51	13.95 14 sets		18.95
	C	17.05	3.51	13.96 14 sets		18.97
	D	17.12	3.50	13.95 14 sets		18.95
	Average	17.1	3.5	13.9		18.9

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.