

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

Samsung Xpress C1810W

Printing device and settings		
Test Start Date and Time	12/17/2014 15:27	
Tester	AH	
Machine name/model	Xpress C1810W	
Colour or B&W	Colour	
FW Version	V1.00.27	
Temperature and Humidity	71 degF / 22 degC, 27 %rH	
Voltage	110V	
Test End Date and Time	12/18/2014 10:49	

Item	Value	
Mode and Setting	Driver Version	2.50.05.00:10 (7/29/2014)
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Grayscale
	Duplex B&W Settings	NA
	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	27.8	18.9
	Duplex	N/A	N/A
B&W	Simplex	27.0	13.9
	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: LETTER						
	Office Category Test	FSOT (secs) 1 set only (1 set)	EFTP (ipm)		ESAT (ipm)	
			1 set only (1 set)	1 set + 30sec (# of sets)	1 set + 4min (# of sets)	1 set + 30sec
Color Mode	Simplex - Adobe Reader	28.28	8.48 ( 1 set )	14.19 ( 4 sets )		18.97
	Simplex - Word	27.31	8.77 ( 1 set )	14.29 ( 4 sets )		18.97
	Simplex - Excel	27.71	8.65 ( 1 set )	14.63 ( 4 sets )		18.97
	Simplex - Average	27.8	8.6	14.3		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	30.30	8.24 ( 1 set )	13.05 ( 4 sets )	N/A	15.60
	Simplex - Word	24.91	9.63 ( 1 set )	11.14 ( 3 sets )		12.29
	Simplex - Excel	25.57	9.36 ( 1 set )	12.49 ( 4 sets )		13.93
	Simplex - Average	27.0	9.0	12.2	N/A	13.9
	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	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**

Samsung Xpress C1810W

Printing device and settings	
Test Start Date and Time	12/17/2014 15:27
Tester	AH
Machine name/model	Xpress C1810W
Colour or B&W	Colour
FW Version	V1.00.27
Temperature and Humidity	71 degF / 22 degC, 27 %rH
Voltage	110V
Test End Date and Time	12/18/2014 10:49

Item	Value	
Mode and Setting	Driver Version	2.50.05.00:10 (7/29/2014)
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Grayscale
	Duplex B&W Settings	NA
	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	29.0	18.0
	Duplex	N/A	N/A
B&W	Simplex	26.0	14.9
	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 + 30sec (1 set)	1 set + 30sec (# of sets)	
Colour Mode	Simplex - Adobe Reader	30.24	7.96 ( 1 set )	13.93 ( 4 sets )		18.02
	Simplex - Word	28.05	8.55 ( 1 set )	14.10 ( 4 sets )		18.02
	Simplex - Excel	28.43	8.43 ( 1 set )	14.03 ( 4 sets )		18.02
	Simplex - Average	29.0	8.3	14.0		18.0
	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	26.40	9.08 ( 1 set )	12.01 ( 4 sets )	N/A	15.71
	Simplex - Word	25.61	9.36 ( 1 set )	12.01 ( 4 sets )		15.68
	Simplex - Excel	25.80	9.30 ( 1 set )	11.88 ( 4 sets )		13.39
	Simplex - Average	26.0	9.2	11.9	N/A	14.9
	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 DH16aCASHR 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**

Samsung Xpress C1810W

Printing device and settings	
Test Start Date and Time	12/17/2014 15:27
Tester	AH
Machine name/model	Xpress C1810W
Colour or B&W	Colour
Configuration (options)	Default
Controller	Not Specified
Printing device page count	1645
Printing supplies page count	Not Specified
Temperature and Humidity	73 degF / 23 degC, 25 %rH
Voltage	110V
Test End Date and Time	1/15/2015 14:19

Item	Value	
<b>Mode and Setting</b>	PDL and driver version	2.50.05.00:10 (7/29/2014)
	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)
<b>Color</b>	Simplex	18.0
	Duplex	
<b>B&amp;W</b>	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) Post 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	17.72	17.91	18.46	18.03	50 Seconds
	FPOt from Ready - Duplex					
	FPOt from Sleep - Simplex			25.39		
	Recovery Time			6.9		
	FPOt from Off - Simplex			66.37		
	Warm-up Time			47.91		
<b>B&amp;W Mode</b>	FPOt from Ready - Simplex	15.36	15.03	15.72	15.37	50 Seconds
	FPOt from Ready - Duplex					
	FPOt from Sleep - Simplex			24.20		
	Recovery Time			8.5		
	FPOt from Off - Simplex			67.47		
	Warm-up Time			51.75		

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) Post 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
	Print Driver	Adobe Reader 10.1.4
	Test files and location	2.50.05.00:10 (7/29/2014) Office category files, hard drive

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

Full Detailed Test Report - A4

Samsung Xpress C1810W

Printing device and settings	
Test Start Date and Time	12/17/2014 15:27
Tester	AH
Machine name/model	Xpress C1810W
Colour or B&W	Colour
Configuration (options)	Default
Controller	Not Specified
Printing device page count	1645
Printing supplies page count	Not Specified
Temperature and Humidity	73 degF / 23 degC, 25 %rH
Voltage	110V
Test End Date and Time	1/15/2015 14:19

Item	Value	
Mode and Setting	PDL and driver version	2.50.05.00:10 (7/29/2014)
	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: A4		
		F POT from Ready (seconds)
Colour	Simplex	18.2
	Duplex	
B&W	Simplex	16.0
	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: A4						
		Word (seconds)	Excel (seconds)	Adobe Reader (seconds)	Average (seconds)	Delay Time
Colour Mode	F POT from Ready - Simplex	17.93	18.01	18.67	18.21	50 Seconds
	F POT from Ready - Duplex					
	F POT from Sleep - Simplex			24.12		
	Recovery Time			5.5		
	F POT from Off - Simplex			66.76		
	Warm-up Time			48.09		
B&W Mode	F POT from Ready - Simplex	15.77	15.97	16.36	16.04	50 Seconds
	F POT from Ready - Duplex					
	F POT from Sleep - Simplex			24.12		
	Recovery Time			7.8		
	F POT from Off - Simplex			67.45		
	Warm-up Time			51.09		
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	
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 DH16aCXHR 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	2.50.05.00:10 (7/29/2014)
	Test files and location	Office category files, hard drive