

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

Full Detailed Test Report - LETTER

Kyocera ECOSYS FS-4200DN

Printing device and settings	
Test Start Date and Time	12/19/2014 6:43
Tester	KN
Machine name/model	ECOSYS FS-4200DN
Colour or B&W	B&W
FW Version	2LV_3F00.012.003 2014.06.24
Temperature and Humidity	76 degF / 24 degC, 22 %RH
Voltage	110V
Test End Date and Time	12/22/2014 14:20

Item	Value	
Mode and Setting	Driver Version	v5.0.0.0
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Default
	Duplex B&W Settings	Default
	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 Colorlok / Xerox Business 4200

Summary Report: Letter			
Office Category Test for B&W Device		FSOT (seconds)	ESAT (ipm)
B&W	Simplex	12.5	52.3
	Duplex	13.5	39.8

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		( 1 set )			
	Simplex - Word		( 1 set )			
	Simplex - Excel		( 1 set )			
	Simplex - Average					
	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	12.83	18.70 ( 1 set )	42.30 ( 8 sets )	50.35 ( 57 sets )	52.59
	Simplex - Word	12.17	19.70 ( 1 set )	43.19 ( 8 sets )		52.33
	Simplex - Excel	12.22	19.62 ( 1 set )	42.94 ( 8 sets )		52.20
	Simplex - Average	12.5	19.3	42.8	50.3	52.3
	Duplex - Adobe Reader	14.00	15.60 ( 1 set )	31.26 ( 7 sets )		39.96
	Duplex - Word	13.22	16.44 ( 1 set )	31.52 ( 7 sets )		39.76
	Duplex - Excel	13.28	16.36 ( 1 set )	31.62 ( 7 sets )		39.76
	Duplex - Average	13.5	16.1	31.4		39.8

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**

Kyocera ECOSYS FS-4200DN

Printing device and settings	
Test Start Date and Time	12/19/2014 6:43
Tester	KN
Machine name/model	ECOSYS FS-4200DN
Colour or B&W	B&W
FW Version	2LV_3F00.012.003 2014.06.24
Temperature and Humidity	76 degF / 24 degC, 22 %rH
Voltage	110V
Test End Date and Time	12/22/2014 14:20

Item	Value	
<b>Mode and Setting</b>	Driver Version	v5.0.0.0
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Default
	Duplex B&W Settings	Default
	Setting N set count	Application
	Collating function	Activated (application)
<b>Paper Path</b>	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
<b>Paper</b>	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 B&W Device		FSOT (seconds)	ESAT (ipm)
<b>B&amp;W</b>	Simplex	12.8	50.3
	Duplex	14.0	38.6

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
<b>Colour Mode</b>	Simplex - Adobe Reader		( 1 set )			
	Simplex - Word		( 1 set )			
	Simplex - Excel		( 1 set )			
	Simplex - Average					
	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>B&amp;W mode</b> (optional for color device)	Simplex - Adobe Reader	13.15	18.23 ( 1 set )	40.99 ( 8 sets )	46.62 ( 55 sets )	50.52
	Simplex - Word	12.13	19.78 ( 1 set )	37.69 ( 8 sets )		50.39
	Simplex - Excel	12.83	18.70 ( 1 set )	41.02 ( 8 sets )		50.09
	Simplex - Average	12.8	18.9	39.9	46.6	50.3
	Duplex - Adobe Reader	14.28	15.38 ( 1 set )	29.08 ( 6 sets )		38.52
	Duplex - Word	13.59	16.10 ( 1 set )	29.72 ( 6 sets )		38.52
	Duplex - Excel	13.95	15.70 ( 1 set )	29.64 ( 6 sets )		38.78
	Duplex - Average	14.0	15.7	29.4		38.6

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**

Kyocera ECOSYS FS-4200DN

Printing device and settings	
Test Start Date and Time	12/17/2014 15:57
Tester	KN
Machine name/model	ECOSYS FS-4200DN
Colour or B&W	B&W
Configuration (options)	default
Controller	Not Specified
Printing device page count	3260
Printing supplies page count	Not Specified
Temperature and Humidity	77 degF / 25 degC, 22 %rH
Voltage	110V
Test End Date and Time	1/29/2015 3:56

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		
		F POT from Ready (seconds)
B&W	Simplex	8.6
	Duplex	12.5
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
Color Mode	F POT from Ready - Simplex					
	F POT from Ready - Duplex					
	F POT from Sleep - Simplex					
	Recovery Time					
	F POT from Off - Simplex					
	Warm-up Time					
B&W Mode	F POT from Ready - Simplex	8.31	8.47	9.00	8.60	50 Seconds
	F POT from Ready - Duplex	12.15	12.33	12.89	12.46	50 Seconds
	F POT from Sleep - Simplex			26.92		
	Recovery Time			17.9		
	F POT from Off - Simplex			69.66		
	Warm-up Time			60.66		
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 DH16aCSHR ATA
	I/O Subsystem	Builtin
	USB Subsystem	USB 2.0/3.0
Printing Device Connection	TCP/IP	
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	v5.0.0.0 Office category files, hard drive

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

Full Detailed Test Report - A4

Kyocera ECOSYS FS-4200DN

Printing device and settings	
Test Start Date and Time	12/17/2014 15:57
Tester	KN
Machine name/model	ECOSYS FS-4200DN
Colour or B&W	B&W
Configuration (options)	default
Controller	Not Specified
Printing device page count	3260
Printing supplies page count	Not Specified
Temperature and Humidity	77 degF / 25 degC, 22 %rH
Voltage	110V
Test End Date and Time	1/29/2015 3:56

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
	Paper exit	Standard exit tray
<b>Paper Path</b>	Output orientation	default (face up or face down)
	Duplexing unit	Short Edge

ISO First Page Out Time Summary Report: Office Category		
Summary Report: A4		
		<b>F POT from Ready (seconds)</b>
<b>B&amp;W</b>	Simplex	8.8
	Duplex	12.9
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 <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
<b>Colour Mode</b>	F POT from Ready - Simplex					
	F POT from Ready - Duplex					
	F POT from Sleep - Simplex					
	Recovery Time					
	F POT from Off - Simplex					
	Warm-up Time					
<b>B&amp;W Mode</b>	F POT from Ready - Simplex	8.35	8.94	9.15	8.82	50 Seconds
	F POT from Ready - Duplex	12.35	13.01	13.23	12.87	50 Seconds
	F POT from Sleep - Simplex			26.95		
	Recovery Time			17.8		
	F POT from Off - Simplex			90.91		
	Warm-up Time			81.75		
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 <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	Built-in
	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	v5.0.0.0 Office category files, hard drive