

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

Ricoh SP C250DN

Printing device and settings	
Test Start Date and Time	12/15/2014 8:03
Tester	JB
Machine name/model	SP C250DN
Colour or B&W	Colour
FW Version	V1.00c
Temperature and Humidity	74 degF / 24 degC, 19 %RH
Voltage	110
Test End Date and Time	2/12/2015 1:29

Item	Value	
Mode and Setting	Driver Version	PCL 6 v6.0.6000.16384
	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)	Yes
	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	27.0	21.2
	Duplex	36.7	12.5
B&W	Simplex	25.8	21.2
	Duplex	34.5	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 <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)	
Color Mode	Simplex - Adobe Reader	29.49	8.13 (1 set)	13.63 (4 sets)	18.38 (24 sets)	21.22
	Simplex - Word	26.35	9.10 (1 set)	16.04 (4 sets)		21.21
	Simplex - Excel	24.90	9.63 (1 set)	16.20 (4 sets)		21.21
	Simplex - Average	27.0	8.9	15.2	18.3	21.2
	Duplex - Adobe Reader	39.44	6.06 (1 set)	8.36 (3 sets)		12.52
	Duplex - Word	35.67	6.72 (1 set)	9.82 (3 sets)		12.52
	Duplex - Excel	34.71	6.90 (1 set)	9.10 (3 sets)		12.54
	Duplex - Average	36.7	6.5	9.0		12.5
B&W mode <small>(optional for color device)</small>	Simplex - Adobe Reader	28.24	8.49 (1 set)	13.88 (4 sets)	19.95 (24 sets)	21.23
	Simplex - Word	24.61	9.74 (1 set)	16.17 (4 sets)		21.21
	Simplex - Excel	24.39	9.83 (1 set)	16.41 (4 sets)		21.21
	Simplex - Average	25.8	9.3	15.4	19.9	21.2
	Duplex - Adobe Reader	37.40	6.40 (1 set)	9.48 (3 sets)		12.52
	Duplex - Word	33.45	7.16 (1 set)	10.00 (3 sets)		12.50
	Duplex - Excel	32.63	7.34 (1 set)	10.16 (3 sets)		12.52
	Duplex - Average	34.5	6.9	9.8		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 <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

Ricoh SP C250DN

Printing device and settings	
Test Start Date and Time	12/15/2014 8:03
Tester	JB
Machine name/model	SP C250DN
Colour or B&W	Colour
FW Version	V1.00c
Temperature and Humidity	74 degF / 24 degC, 19 %rH
Voltage	110
Test End Date and Time	2/12/2015 1:29

Item	Value	
Mode and Setting	Driver Version	PCL 6 v6.0.6000.16384
	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 Colorlok / Xerox Business 4200

Summary Report: A4			
	Office Category Test for Color Device	FSOT (seconds)	ESAT (ipm)
Colour	Simplex	29.8	20.2
	Duplex	36.6	12.3
B&W	Simplex	26.3	20.2
	Duplex	34.5	12.3

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: A4						
	Office Category Test	FSOT (secs)	EFTP (ipm)			ESAT (ipm)
			1 set only (1 set)	1 set + 30sec (# of sets)	1 set + 4min (# of sets)	
Colour Mode	Simplex - Adobe Reader	29.64	8.09 (1 set)	14.62 (4 sets)	17.25 (23 sets)	20.23
	Simplex - Word	26.58	9.02 (1 set)	15.36 (4 sets)		20.21
	Simplex - Excel	32.90	7.90 (1 set)	15.66 (4 sets)		20.22
	Simplex - Average	29.8	8.3	15.2	17.2	20.2
	Duplex - Adobe Reader	39.17	6.10 (1 set)	9.18 (3 sets)		12.34
	Duplex - Word	36.08	6.64 (1 set)	9.64 (3 sets)		12.36
	Duplex - Excel	34.33	6.98 (1 set)	9.76 (3 sets)		12.34
	Duplex - Average	36.6	6.5	9.5		12.3
B&W mode (optional for color device)	Simplex - Adobe Reader	28.34	8.46 (1 set)	14.92 (4 sets)	17.14 (23 sets)	20.20
	Simplex - Word	26.00	9.23 (1 set)	15.64 (4 sets)		20.21
	Simplex - Excel	24.42	9.82 (1 set)	14.23 (4 sets)		20.20
	Simplex - Average	26.3	9.1	14.9	17.1	20.2
	Duplex - Adobe Reader	36.86	6.50 (1 set)	9.40 (3 sets)		12.34
	Duplex - Word	33.65	7.10 (1 set)	9.86 (3 sets)		12.34
	Duplex - Excel	32.90	7.26 (1 set)	10.02 (3 sets)		12.34
	Duplex - Average	34.5	6.9	9.7		12.3

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 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

Ricoh SP C250DN

Printing device and settings	
Test Start Date and Time	12/15/2014 8:03
Tester	JB
Machine name/model	SP C250DN
Colour or B&W	Colour
Configuration (options)	Default
Controller	Not Specified
Printing device page count	3217
Printing supplies page count	Not Specified
Temperature and Humidity	74 degF / 23 degC, 20 %RH
Voltage	110
Test End Date and Time	2/11/2015 9:15

	Item	Value
Mode and Setting	PDL and driver version	PCL 6 v6.0.6000.16384
	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		
		F POT from Ready (seconds)
Color	Simplex	18.2
	Duplex	26.6
B&W	Simplex	17.3
	Duplex	27.3
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.		
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	17.20	16.97	20.30	18.16	50 Seconds
	F POT from Ready - Duplex	25.68	24.75	29.33	26.59	50 Seconds
	F POT from Sleep - Simplex			50.18		
	Recovery Time			29.9		
	F POT from Off - Simplex			50.13		
	Warm-up Time			29.82		
B&W Mode	F POT from Ready - Simplex	16.43	15.56	19.77	17.26	50 Seconds
	F POT from Ready - Duplex	23.65	30.40	27.69	27.25	50 Seconds
	F POT from Sleep - Simplex			49.87		
	Recovery Time			30.1		
	F POT from Off - Simplex			49.89		
	Warm-up Time			30.12		
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 DH16aC SHR 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	PCL 6 v6.0.6000.16384
	Test files and location	Office category files, hard drive

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

Full Detailed Test Report - A4

Ricoh SP C250DN

Printing device and settings	
Test Start Date and Time	12/15/2014 8:03
Tester	JB
Machine name/model	SP C250DN
Colour or B&W	Colour
Configuration (options)	Default
Controller	Not Specified
Printing device page count	3217
Printing supplies page count	Not Specified
Temperature and Humidity	74 degF / 23 degC, 20 %rH
Voltage	110
Test End Date and Time	2/11/2015 9:15

Item	Value
Mode and Setting	
PDL and driver version	PCL 6 v6.0.6000.16384
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		FPOT from Ready (seconds)	
Colour	Simplex	18.1	
	Duplex	26.5	
B&W	Simplex	17.0	
	Duplex	24.8	

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".
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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	16.61	16.93	20.70	18.07	50 Seconds
	FPOT from Ready - Duplex	25.44	24.71	29.39	26.52	50 Seconds
	FPOT from Sleep - Simplex			49.84		
	Recovery Time			29.1		
	FPOT from Off - Simplex			50.01		
	Warm-up Time			29.31		
B&W Mode	FPOT from Ready - Simplex	16.14	15.46	19.48	17.03	50 Seconds
	FPOT from Ready - Duplex	23.54	22.88	27.82	24.75	50 Seconds
	FPOT from Sleep - Simplex			49.84		
	Recovery Time			30.4		
	FPOT from Off - Simplex			48.99		
	Warm-up Time			29.51		

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		
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	Video Subsystem	AMD Radeon HD 6350
	Optical Drive	HP DVD A DH16aCSHR ATA
	I/O Subsystem	Builitn
	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	PCL 6 v6.0.6000.16384 Office category files, hard drive