

ISO/IEC 24734 Printing Productivity Report: Office Category  
 ISO/IEC 24735 Copying Productivity Report  
 ISO/IEC 24735 Annex D Report  
 Full Detailed Test Reports  
 HP Photosmart Premium C410a

Printing device and test settings

Test Start Date and Time	06/05/10	6:30:00 AM
Tester	Adam Leom	
Machine product number	C410a	
Machine name/model	HP Photosmart Premium	
FW Version	R11000a	
Colour or B&W	Colour	
Temperature and humidity	25C 50RH	
Voltage	120VAC 60Hz	
Test End Date and Time	06/05/10	3:00:00 PM

	Item	Value
Modes and Settings	Driver version	Salftoon 2010 140x179
	Media / Quality Setting	Default / Default
	Simplex B&W settings	Black Ink Only
	Duplex B&W settings	Black Ink Only
	Setting N set count	Application
Paper Path	Collating function	On
	Paper sending direction	Default
	Paper size setting	Default
	Paper feeding	Standard cassettes
	Paper exit	Standard exit tray
Paper	Output orientation	Default (face up)
	Duplexing ADF Line	No
	Duplexing Print Line	Yes
	Paper Manufacturer	HP
	Weight	20g
Size	8.5 x 11"	
Paper type/name	HP Multipurpose Color Ink	

Summary Reports

ISO/IEC 24734		FSOT (seconds)	ESAT (ppm)
Color	Single Sided	45	7.5
	Two Sided	77	3
B&W	Single Sided	35	10.5
	Two Sided	77	3

Notes: 1) ppm = Images Per Minute and is equivalent to ppm or Pages Per Minute  
 2) For Simplex B&W results, Black Ink Only  
 3) For Duplex B&W results, Black Ink Only

ISO/IEC 24735 Annex D		FCOT (seconds)	Continuous Copy Speed (cpm)
Color		24	6
B&W		20	7

Notes: 1) cpm = Copies Per Minute and is equivalent to ppm or Pages Per Minute  
 2) B&W results are limited to a maximum of 5.3 ppm for Belgium

ISO/IEC 24735		FSOT (seconds)	ESAT (ppm)
Color	1:1	N/A	N/A
	1:2	N/A	N/A
	2:2	N/A	N/A
B&W	1:1	N/A	N/A
	1:2	N/A	N/A
	2:2	N/A	N/A

Notes: 1) ppm = Images Per Minute and is equivalent to ppm or Pages Per Minute

Full Reports

ISO/IEC 24734	Office Category Test Files	FSOT (sec)	EFTP (ppm)			ESAT (ppm)	
			1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes		
Color	Single Sided	PDF (# sets)	49.27	4.87	6.36	6.28	13.35
		Word (# sets)	32.83	7.31	9.72	3	11.50
		Excel (# sets)	50.30	4.77	5.51	3	6.51
	Average	45	5	7	6	7.5	
	Two Sided	PDF (# sets)	88.23	2.72	2.94	2	3.47
		Word (# sets)	61.33	3.91	4.22	2	4.60
Excel (# sets)		80.21	2.99	3.16	2	3.39	
Average	77	3	3	2	3		
B&W	Single Sided	PDF (# sets)	36.33	6.60	8.61	9.41	10.28
		Word (# sets)	30.94	7.75	10.60	3	12.95
		Excel (# sets)	38.98	6.49	8.51	3	10.01
	Average	35	6	9	3	10.5	
	Two Sided	PDF (# sets)	88.16	2.72	2.95	2	3.48
		Word (# sets)	61.34	3.91	4.23	2	4.61
Excel (# sets)		80.90	2.96	3.16	2	3.38	
Average	77	3	3	2	3		

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 3) For Duplex B&W results, Black Ink Only

ISO/IEC 24735	Office Category Test Files	FSOT (sec)	EFTP (ppm)			ESAT (ppm)
			1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes	
Color	1:1 (# sets)	N/A	N/A	N/A	N/A	N/A
	1:2 (# sets)	N/A	N/A	N/A	N/A	N/A
	2:2 (# sets)	N/A	N/A	N/A	N/A	N/A
B&W	1:1 (# sets)	N/A	N/A	N/A	N/A	N/A
	1:2 (# sets)	N/A	N/A	N/A	N/A	N/A
	2:2 (# sets)	N/A	N/A	N/A	N/A	N/A

Notes: 1) ppm = Images Per Minute and is equivalent to ppm or Pages Per Minute

Test system parameters

	Item	Value
Test System	Computer	HP dv8712us Notebook PC
	Processor	AMD Turion TL40 2.0 GHz, 1 MB L2 cache
	System Chip Set	Northbridge/Southbridge: nVidia MCP6M
	System Board	Standard system devices, default system BIOS
	System Memory	3GB PC2-5300 DDR2 SDRAM
	Hard Drive subsystem	Western Digital WD2000BBVS 250 GB
	Video subsystem	nVidia GeForce 7150M
	Optical Drive	Panasonic/Hewlett-Packard, DVD+RW and CD-RW
	IO subsystem	Built in
	USB subsystem	USB 2.0
i/O Software	USB	USB 2.0
	Operating System	Microsoft Windows Vista Home Premium SP1
	Printing Applications	Microsoft Office Word 2007 Microsoft Office Excel 2007
	Adobe Reader 8.1.0	
	Test Files and location	Office Category files, hard drive