

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 eStation C510a

Printing device and test settings

Test Start Date and Time	09/28/10	9:00:00 AM
Tester	Marvin Woods	
Machine product number	C510a	
Machine name/model	HP Photosmart eStation	
FW Version	R11052A	
Colour or B&W	Colour	
Temperature and humidity	25°C 50%rh	
Voltage	120vac 60hz	
Test End Date and Time	10/15/10	12:00:00 AM

Item	Value
Driver version	Salfton 2010 140 v278
Media / Quality Setting	Default / Default
Simplex B&W settings	Black Ink Only
Duplex B&W settings	Black Ink Only
Setting N set count	Application
Collating function	On
Paper sending direction	Default
Paper size setting	Default
Paper feeding	Standard cassettes
Paper exit	Standard exit tray
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	43	8
Two Sided	77	3
B&W		
Single Sided	38	11
Two Sided	76	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	20	6
B&W	19	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 5.4 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)	48.30	4.96	8.67	7.30	13.71
		Word (# sets)	31.73	7.56	10.01	3	11.87
		Excel (# sets)	48.36	4.96	5.70	3	6.76
	Average	43	5	8	7	8	
	Two Sided	PDF (# sets)	87.54	2.74	2.98	2	3.53
		Word (# sets)	61.54	3.90	4.25	2	4.62
Excel (# sets)		79.30	3.02	3.21	2	3.43	
Average	77	3	3	2	3		
B&W	Single Sided	PDF (# sets)	35.17	6.62	9.14	9.88	11.08
		Word (# sets)	28.95	6.29	11.07	3	13.24
		Excel (# sets)	48.29	4.97	8.85	3	10.50
	Average	38	6	9	3	11	
	Two Sided	PDF (# sets)	86.82	2.76	2.98	2	3.51
		Word (# sets)	61.73	3.68	4.24	2	4.60
Excel (# sets)		79.09	3.03	3.20	2	3.44	
Average	76	3	3	2	3		

Notes: 1) ppm = Images Per Minute and is equivalent to ppm or Pages Per Minute
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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
Computer	HP dv8712us Notebook PC
Processor	AMD Turion TL40 2.0 GHz, 1 MB L2 cache
System Chip Set	Northbridge/Southbridge: Nvidia MCP7M
System Board	Standard system devices, default system BIOS
System Memory	3GB PC2-5300 DDR2 SDRAM
Hard Drive subsystem	Western Digital WD2000BBJS 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
Software	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