

ISO/IEC 24734 Printing Productivity Report: Office Category  
 FDIS ISO/IEC 29183 Copying Productivity Report

Full Detailed Test Reports  
 HP Photosmart 7510 C311a

Printing device and test settings		
Test Start Date and Time	09/12/11	12:00:00 AM
Tester	Rick Pettit	
Machine product number	C311a	
Machine name/model	HP Photosmart 7510	
FW Version	VEP1CA1135BR	
Colour or B&W	Color	
Temperature and humidity	22 deg C at 49% rh	
Voltage	110 VAC	
Test End Date and Time	09/16/11	12:00:00 AM

Modes and Settings	Item	Value
Settings	Driver version	06.04.00.986
	Media / Quality Setting	Plain / Normal
	Simplex B&W settings	Black Ink Only
	Duplex B&W settings	Black Ink Only
	Setting N set count	Application
Paper Path	Collation function	Enabled in Application
	Paper sending direction	Default
	Paper size setting	Default
	Paper feeding	Standard cassette
	Paper exit	Standard exit tray
	Output orientation	face up
Paper	Duplexing ADF Unit	No
	Duplexing Print Unit	Yes
	Paper Manufacturer	Hewlett-Packard
	Weight	20 lb
	Size	Letter
	Paper type/name	Multipurpose

Summary Reports			
ISO/IEC 24734		FSOT (seconds)	ESAT (ipm)
Color	Single Sided	42	9
	Two Sided	70	3
B&W	Single Sided	33	13.5
	Two Sided	61	4

Notes: 1) ipm = 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

FDIS ISO/IEC 29183			
		FCOT (seconds)	sESAT (ipm)
Color		20	7
	B&W	20	7.5

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute  
 2) Copy speed is limited to a maximum of 5 ppm for Belgium

Full Reports							
ISO/IEC 24734		Office Category	FSOT (sec)	EFTP (ipm)			sESAT (ipm)
				1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes	
Color	Single Sided	PDF (# sets)	45.37	5.29	6.51	7.47	7.66
		Word (# sets)	31.38	7.64	12.00	2	14.71
		Excel (# sets)	46.91	5.11	6.28	3	7.40
		Average	42	6	8	2	9
	Two Sided	PDF (# sets)	75.41	3.18	3.35	2	3.56
		Word (# sets)	57.74	4.15	4.44	2	4.70
		Excel (# sets)	76.02	3.15	3.32	2	3.54
		Average	70	3	3	2	3
B&W	Single Sided	PDF (# sets)	32.84	7.30	10.76	12.00	13.08
		Word (# sets)	28.97	8.28	14.32	3	17.27
		Excel (# sets)	34.34	6.99	10.29	3	12.36
		Average	33	7	11	3	13.5
	Two Sided	PDF (# sets)	61.73	3.88	4.12	2	4.43
		Word (# sets)	56.56	4.24	4.50	2	4.86
		Excel (# sets)	62.93	3.81	4.06	2	4.39
		Average	61	3	4	2	4

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

FDIS ISO/IEC 29183						
		FCOT (sec)	sEFTP (ipm)			sESAT (ipm)
			1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	
Color	Page 1 (# copies)	16.97	3.53	5.42	7.28	6.30
	Page 2 (# copies)	14.35	4.18	9.42	5	11.50
	Page 3 (# copies)	16.10	3.72	6.19	8	7.18
	Page 4 (# copies)	19.89	3.01	4.14	6	4.71
	Average	20	3	6	7	7
			16.35	3.67	5.64	7.50
Black	Page 1 (# copies)	16.35	3.67	5.64	7.50	6.72
	Page 2 (# copies)	14.19	4.22	9.70	8	12.14
	Page 3 (# copies)	15.15	3.96	6.48	5	7.67
	Page 4 (# copies)	18.43	3.25	4.65	4	5.37
	Average	20	3	6	7	7.5
			16.35	3.67	5.64	7.50

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Test system parameters	
Item	Value
Computer	HP dv9812us Notebook PC
Processor	AMD Turion TL-60 2.0 GHz, 1 MB L2 cache
System Chip Set	Northbridge/Southbridge: nVidia MCP57M
System Board	Standard system devices, default system BIOS
System Memory	3GB PC2-5300 DDR2 SDRAM
Hard Drive subsystem	Western Digital WD2500BEVS 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
USB	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