

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 OfficeJet 4500 Desktop G510 Series

Printing device and test settings

Test Start Date and Time		09/29/09 8 : 00
Tester		Sim
Machine product number		G510b
Machine name/model		HP OfficeJet 4500 Desktop
FW Version		MML1FN09769
Colour or B&W		Colour printing device
Temperature and humidity		24 degrees C, 47%
Voltage		240 volts AC
Test End Date and Time		09/29/09 17 : 00
Modes and Settings		
Modes and Settings	Item	Value
	Driver version	10.091.011.00
	Media / Quality Setting	Default / Default
	Simplex B&W settings	Driver was set to "print in grayscale, black ink only"
	Duplex B&W settings	No
	Setting N set count	Application
	Collating function	On
Paper Path	Paper sending direction	Default
	Paper size setting	Default
	Paper feeding	Standard cassette
	Paper exit	Standard exit tray
	Output orientation	Default (face up)
	Duplexing ADF Unit	No
	Duplexing Print Unit	No
Paper	Paper Manufacturer	HP
	Weight	90lb
	Size	8.5 x 11"
	Paper type/name	HP Multipurpose Color Ink

Summary Reports

ISO/IEC 24734	FSOT (seconds)	ESAT (ipm)
Color		
Single Sided	68	4.0
Two Sided	N/A	N/A
B&W		
Single Sided	48	6.0
Two Sided	N/A	N/A

- Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) For Simplex B&W results, Driver was set to "print in grayscale, black ink only"
 3) For Simplex B&W results, No
 4) For device and test settings see Full Detailed Report

ISO/IEC 24735 Annex D	FCOT (seconds)	Continuous Copy Speed (ipm)
Color	31	2
Black	21	4.5

- Notes: 1) ipm = Copies Per Minute and is equivalent to ppm or Pages Per Minute

ISO/IEC 24735	FSOT (seconds)	ESAT (ipm)
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) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) For device and test settings see Full Detailed Report

Full Reports

ISO/IEC 24734	Office Category Test Files	FSOT (sec)	EFTP (ipm)			ESAT (ipm)		
			1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes			
Color	Single Sided	PDF (# sets)	82.39	2.91	3.00	3.10	3.15	
		Word (# sets)	41.38	5.80	6.33	2	5	6.94
		Excel (# sets)	80.10	2.99	3.10	2	2	3.20
	Average	68	3	4	3	4.0		
	Two Sided	PDF (# sets)	N/A	N/A	N/A		N/A	
		Word (# sets)	N/A	N/A	N/A		N/A	
Excel (# sets)		N/A	N/A	N/A		N/A		
Average	N/A	N/A	N/A		N/A			
B&W	Single Sided	PDF (# sets)	52.17	4.60	4.90	3.64	5.21	
		Word (# sets)	36.50	6.57	7.46	2	7	8.17
		Excel (# sets)	52.53	4.56	4.77	3	2	4.98
	Average	48	5	5	3	6.0		
	Two Sided	PDF (# sets)	N/A	N/A	N/A		N/A	
		Word (# sets)	N/A	N/A	N/A		N/A	
Excel (# sets)		N/A	N/A	N/A		N/A		
Average	N/A	N/A	N/A		N/A			

- Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) For Simplex B&W results, Driver was set to "print in grayscale, black ink only"
 3) For Simplex B&W results, No
 4) For device and test settings see Full Detailed Report

ISO/IEC 24735	Office Category Test Files	FSOT (sec)	EFTP (ipm)			ESAT (ipm)
			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) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) For device and test settings see Full Detailed Report

Test system parameters

Item	Value
Computer	HP Workstation xw4200
Processor	Intel® Pentium 4 Processor with Hyper-Threading 3.40 GHz, 1 MB / 800 MHz FSB
System Chip Set	Intel 925X Express
System Board	Standard system devices, default system BIOS
System Memory	2 x 512 MB RAM, MTI brand-DDR2, 533, CL4, ECC
Hard Drive subsystem	Maxtor 6Y0M080, 149GB
Video subsystem	ATI Technologies INC, FireGL V3100, 128MB
Optical Drive	Hitachi-LG Data Storage, DVD Writer 400C
IO subsystem	Microsoft Natural PS2 keyboard, PS2 compatible mouse
USB subsystem	USB 2.0
OS	Microsoft Windows XP SP2
Printing Applications	Microsoft Office Word 2003, Microsoft Office Excel 2003
Adobe Reader 6.0	Adobe Reader 6.0
Test Files and location	Office Category files, hard drive