

**ISO/IEC 24734 Printing Productivity Report: Office Category**

**Full Detailed Test Report**

HP Officejet 6500 All-in-One Printer series E709

**Printing device and test settings**

Test Start Date and Time	02/04/09	9:00:00 AM
Tester	Sim, Ernchiang	
Machine product number	E709	
Machine name/model	HP Officejet 6500 All-in-One Printer series	
FW Version	RBP1FN0903AR / MJP1FN0903AR	
Colour or B&W	Colour printing device	
Temperature and humidity	24 degrees C, 47%	
Voltage	240 volts AC	
Test End Date and Time	02/04/09	5:00:00 PM

	Item	Value
<b>Modes and Settings</b>	Driver version	70.082.15.00
	Media / Quality Setting	Plain paper / Default
	Simplex B&W settings	Driver was set to "print in grayscale, black ink only"
	Duplex B&W settings	Driver was set to "print in grayscale, high quality"
	Setting N set count	Application
<b>Paper Path</b>	Collating function	Activated (application), except for Microsoft Office Excel 2003
	Paper sending direction	Default
	Paper size setting	Default
	Paper feeding	Standard cassette
	Paper exit	Standard exit tray
	Output orientation	Default (face up)
	Duplexing unit (Yes/No)	Yes, except for HP Officejet 6500 All-in-One Printer E709a
<b>Paper</b>	Paper Manufacturer	HP
	Weight	20lb
	Size	8.5 x 11"
	Paper type/name	HP Multipurpose Colorlok

**Summary Report**

		FSOT (seconds)	ESAT (ipm)
<b>Color</b>	Single Sided	47	7.0
	Two Sided	98	2
<b>B&amp;W</b>	Single Sided	45	7.0
	Two Sided	98	2

- 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, Driver was set to "print in grayscale, high quality"  
 4) For device and test settings see Full Detailed Report

**Full Report**

		Office Category Test Files	FSOT (sec)	EFTP (ipm)			ESAT (ipm)
				1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes	
<b>Color</b>	<b>Single Sided</b>	PDF (# sets)	51.73	4.73	5.28	5.82	6.01
		Word (# sets)	37.26	6.69	8.65	3	10.06
		Excel (# sets)	51.38	4.69	5.25	2	5.99
		Average	47	5	6	5	7.0
	<b>Two Sided</b>	PDF (# sets)	101.39	2.33	2.46	2	2.61
		Word (# sets)	86.75	2.73	2.88	2	3.05
		Excel (# sets)	103.27	2.28	2.41	2	2.55
		Average	98	2	2	2	2
<b>B&amp;W</b>	<b>Single Sided</b>	PDF (# sets)	47.63	5.08	5.78	5.78	6.72
		Word (# sets)	38.42	6.52	8.57	2	9.89
		Excel (# sets)	47.50	5.02	5.74	3	6.64
		Average	45	5	6	5	7.0
	<b>Two Sided</b>	PDF (# sets)	101.47	2.35	2.48	2	2.61
		Word (# sets)	86.97	2.68	2.85	2	3.05
		Excel (# sets)	103.49	2.29	2.42	2	2.54
		Average	98	2	2	2	2

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 2) For Simplex B&W results, Driver was set to "print in grayscale, black ink only"  
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**Test system parameters**

	Item	Value
<b>Test System</b>	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	Hewlett-Packard, DVD Writer 400C
	I/O subsystem	Microsoft Natural PS2 keyboard, PS2 compatible mouse
	USB subsystem	USB 2.0
<b>I/O</b>	USB	USB 2.0
<b>Software</b>	Operating System	Microsoft Windows Professional XP SP2
	Printing Applications	Microsoft Office Word 2003
		Microsoft Office Excel 2003
		Adobe Reader 6.0
	Test Files and location	Office Category files, hard drive