

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

**Full Detailed Test Reports**  
**HP Officejet Pro 8600 e-All-in-One Printer N911a**

**Printing device and test settings**

Test Start Date and Time	07/27/11	12:00:00 AM
Tester	Karen Ting	
Machine product number	N911a	
Machine name/model	HP Officejet Pro 8600 e-All-in-One Printer	
FW Version	FW1123	
Colour or B&W	Color	
Temperature and humidity	24 degrees C, 47%	
Voltage	240 volts AC	
Test End Date and Time	08/09/11	12:00:00 AM

Modes and Settings	Item	Value
Settings	Driver version	06.62.00.975
	Media / Quality Setting	Default / Default
	Simplex B&W settings	Print in grayscale
	Duplex B&W settings	Print in grayscale
Paper Path	Setting N set count	Application
	Collating function	On, For MS Excel 2003, enable collate in driver.
	Paper sending direction	Default
	Paper size setting	Default
Paper	Paper feeding	Standard cassette
	Paper oval	Standard exit tray
	Output orientation	Default (face up)
	Duplexing ADF Unit	No
	Duplexing Print Unit	Yes
	Paper Manufacture	HP
Paper	Weight	20lb
	Size	8.5 x 11"
	Paper type/name	HP Multipurpose Color Ink

**Summary Reports**

ISO/IEC 24734		FSOT (seconds)	ESAT (ipm)
Color	Single Sided	27	13
	Two Sided	44	6
B&W	Single Sided	23	18
	Two Sided	39	7

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute  
 2) For Simplex B&W results, Print in grayscale  
 3) For Duplex B&W results, Print in grayscale

FDIS ISO/IEC 29183		FCOT (seconds)	sESAT (ipm)
Color		19	11
	B&W	16	12

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute  
 2) Copy speed is limited to a maximum of 9 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)	29.85	8.04	10.14	11.05
		Word (# sets)	23.23	10.33	14.93	13
		Excel (# sets)	26.85	8.94	11.32	13.21
	Average	27	9	12	11	
	Two Sided	PDF (# sets)	47.52	5.05	5.44	5.91
		Word (# sets)	38.27	6.27	6.88	7.75
Excel (# sets)		44.72	5.36	5.80	6.23	
Average	44	5	6	6		
B&W	Single Sided	PDF (# sets)	22.92	10.47	14.94	16.82
		Word (# sets)	21.54	11.14	16.75	19
		Excel (# sets)	22.15	10.83	15.09	17.50
	Average	23	10	15	15	
	Two Sided	PDF (# sets)	40.45	5.93	6.50	7.21
		Word (# sets)	36.66	6.54	7.51	8.20
Excel (# sets)		39.00	6.15	6.71	7.45	
Average	39	6	6	7		

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute  
 2) For Simplex B&W results, Print in grayscale  
 3) For Duplex B&W results, Print in grayscale

FDIS ISO/IEC 29183	FCOT (sec)	sEFTP (ipm)			sESAT (ipm)
		1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	
Color	Page 1 (# copies)	17.84	3.36	8.20	9.38
	Page 2 (# copies)	17.33	3.46	10.29	13.57
	Page 3 (# copies)	17.15	3.49	9.80	13.25
	Page 4 (# copies)	18.42	3.25	6.75	8.63
	Average	19	3	8	9
Black	Page 1 (# copies)	15.27	3.92	9.97	11.95
	Page 2 (# copies)	14.17	4.23	12.38	15.72
	Page 3 (# copies)	15.02	3.99	10.41	13.55
	Page 4 (# copies)	16.69	3.59	7.29	9.10
	Average	16	3	10	11

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute  
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**Test system parameters**

	Item	Value
Test System	Computer	HP Workstation xw4200
	Processor	Intel® Pentium 4 Processor with Hyper-Threading, 3.40 GHz, 1 MB / 800 MHz FSB
	System Chip Set	Intel® SX 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	Mentor 6Y00M080, 148GB
	Video subsystem	ATI Technologies, INC., FireGL V3100, 128MB
	Optical Drive	Hewlett-Packard, DVD Writer 400C
	IO subsystem	Microsoft Natural PS2 keyboard, PS2 compatible mouse
	I/O	USB subsystem
USB		USB 2.0
Software	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	