

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

Full Detailed Test Reports  
 HP Officejet Pro 8100 ePrinter N811a

Printing device and test settings		
Test Start Date and Time	05/13/11	12:00:00 AM
Tester	Karen Ting	
Machine product number	N811a	
Machine name/model	HP Officejet Pro 8100 ePrinter	
FW Version	FW1119CR	
Colour or B&W	Color	
Temperature and humidity	24 degrees C, 47%	
Voltage	240 volts AC	
Test End Date and Time	05/20/11	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	25	16
	Two Sided	41	7
B&W	Single Sided	21	20
	Two Sided	37	8

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		N/A	N/A
B&W		N/A	N/A

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

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)	26.49	9.06	11.73	13.20	13.81
		Word (# sets)	20.58	11.66	17.97	3	22.01
		Excel (# sets)	25.28	9.49	12.31	4	14.55
	Average		25	10	14	3	16
	Two Sided	PDF (# sets)	43.06	5.57	6.01	3	6.56
		Word (# sets)	35.90	6.68	7.54	2	8.34
Excel (# sets)		41.47	5.78	6.26	3	6.91	
Average		41	6	6	2	7	
B&W	Single Sided	PDF (# sets)	21.50	11.16	16.04	18.27	19.02
		Word (# sets)	19.40	12.37	20.21	4	24.19
		Excel (# sets)	21.29	11.27	15.89	5	18.55
	Average		21	11	17	4	20
	Two Sided	PDF (# sets)	38.43	6.24	6.86	2	7.62
		Word (# sets)	34.05	7.04	8.13	2	8.91
Excel (# sets)		37.58	6.38	7.03	3	7.81	
Average		37	6	7	2	8	

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 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)	N/A	N/A	N/A	N/A	N/A
	Page 2 (# copies)	N/A	N/A	N/A	N/A	N/A
	Page 3 (# copies)	N/A	N/A	N/A	N/A	N/A
	Page 4 (# copies)	N/A	N/A	N/A	N/A	N/A
	Average (# copies)	N/A	N/A	N/A	N/A	N/A
Black	Page 1 (# copies)	N/A	N/A	N/A	N/A	N/A
	Page 2 (# copies)	N/A	N/A	N/A	N/A	N/A
	Page 3 (# copies)	N/A	N/A	N/A	N/A	N/A
	Page 4 (# copies)	N/A	N/A	N/A	N/A	N/A
	Average (# copies)	N/A	N/A	N/A	N/A	N/A

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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 6Y0MM080, 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	
	USB subsystem	USB 2.0	
UO	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	