

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

Full Detailed Test Reports
 HP Officejet Pro 8600 Premium e-All-in-One Printer N911n

Printing device and test settings		
Test Start Date and Time	07/27/11	12:00:00 AM
Tester	Karen Ting	
Machine product number	N911n	
Machine name/model	HP Officejet Pro 8600 Premium 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 Manufacturer	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	38	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		19	12
	B&W	16	13

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)	26.67	9.00	11.63	13.19	13.71
		Word (# sets)	20.81	11.53	17.77	3	21.80
		Excel (# sets)	25.58	9.38	12.20	4	14.43
	Average		25	9	13	13	16
	Two Sided	PDF (# sets)	43.55	5.51	5.95	2	6.53
		Word (# sets)	36.54	6.56	7.56	3	8.25
Excel (# sets)		42.47	5.65	6.16	2	6.87	
Average		41	5	6	2	7	
B&W	Single Sided	PDF (# sets)	21.56	11.13	16.07	18.37	19.22
		Word (# sets)	19.57	12.26	20.01	4	23.95
		Excel (# sets)	21.49	11.17	15.87	5	18.62
	Average		21	11	17	18	20
	Two Sided	PDF (# sets)	38.82	6.18	6.77	2	7.53
		Word (# sets)	34.65	6.92	8.01	2	8.81
Excel (# sets)		38.05	6.30	6.92	3	7.68	
Average		38	6	7	2	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 (sec)	sEFTP (ipm)			sESAT (ipm)
			1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	
Color	Page 1 (# copies)	17.59	3.41	8.88	11.17	11.50
	Page 2 (# copies)	16.90	3.55	12.65	8	17.05
	Page 3 (# copies)	17.08	3.51	10.56	11	14.10
	Page 4 (# copies)	17.81	3.36	7.25	9	9.48
	Average	19	3	8	9	11
Black	Page 1 (# copies)	14.67	4.09	11.14	13.71	14.18
	Page 2 (# copies)	13.66	4.39	14.35	9	18.54
	Page 3 (# copies)	14.40	4.16	11.58	11	15.03
	Page 4 (# copies)	15.63	3.84	8.32	9	10.36
	Average	16	4	11	11	13

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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® 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 2.0
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