

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

Full Detailed Test Reports
HP Officejet Pro 6830 e-All-in-One Printers

Printing device and test settings

Test Start Date and Time	03/28/14 9:30AM 03/28/14 9:30AM
Tester	Karen Ling
Machine product number	F3602A
Machine name/model	HP Officejet Pro 6830 e-All-in-One Printers
FW Version	pinot_pp_PNP1CN1413AR
Colour or B&W	Color
Temperature and humidity	24 degrees C, 47%
Voltage	240 volts AC
Test End Date and Time	04/5/14 5:30PM 04/5/14 5:30PM

Modes and Settings	Item	Value
Modes and Settings	Driver version	Pinot Build 63
	Media / Quality Settings	A4/Normal
	Simplex B&W settings	Black Ink Only
	Duplex B&W settings	Black Ink Only
	Setting N set count	Application
Paper Path	Collating function	ON
	Paper sending direction	Default
	Paper size setting	Default
	Paper feeding	Standard cassette
	Paper exit	Standard exit tray
Paper	Output orientation	Face up
	Duplexing ADF Unit	Yes
	Duplexing Print Unit	Yes
	Paper Manufacturer	HP
	Weight	80 gsm
	Size	A4
	Paper type/name	HP Everyday

Summary Reports

ISO/IEC 24734		FSOT (seconds)	ESAT (ipm)
Color	Single Sided	36	10
	Two Sided	52	5
B&W	Single Sided	24	18
	Two Sided	39	8

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) For Simplex B&W results, Black Ink Only
 3) For Duplex B&W results, Black Ink Only
 4) Scale content for A4 pr 8.5x11 paper sizes set to off for Word and Excel

FDIS ISO/IEC 29183		FCOT (seconds)	sESAT (ipm)
Color		27	7
B&W		16	10

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) Copy speed is limited to a maximum of 5 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)	40.16	5.97	7.13	7.64	7.87	
		Word (# sets)	25.39			3	10	14.90
		Excel (# sets)	41.90					8.20
	Average	36					10	
	Two Sided	PDF (# sets)	54.87	4.37	4.69		5.09	
		Word (# sets)	39.91			3	7.39	
Excel (# sets)		58.92				5.01		
Average	52					5		
B&W	Single Sided	PDF (# sets)	23.65	10.15	14.52	15.61	16.98	
		Word (# sets)	20.67			4	18	21.72
		Excel (# sets)	27.41					16.47
	Average	24					18	
	Two Sided	PDF (# sets)	37.59	6.38	7.47		8.16	
		Word (# sets)	34.02			3	9.14	
Excel (# sets)		41.01				8.11		
Average	39					8		

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) For Simplex B&W results, Black Ink Only
 3) For Duplex B&W results, Black Ink Only
 4) Scale content for A4 pr 8.5x11 paper sizes set to off for Word and Excel

FDIS ISO/IEC 29183		FCOT (sec)	sEFTP (ipm)			sESAT (ipm)
			1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	
Color	Page 1 (# copies)	25.56	2.34	5.14	7.07	7.40
	Page 2 (# copies)	25.69	2.33	6.26	8	13.02
	Page 3 (# copies)	25.73	2.33	5.29	6	7.16
	Page 4 (# copies)	26.39	2.27	3.69	6	4.68
	Average (# copies)	27	2	4	7	7
Black	Page 1 (# copies)	14.34	4.18	9.23	10.78	11.68
	Page 2 (# copies)	14.24	4.21	11.74	7	15.17
	Page 3 (# copies)	14.48	4.14	9.66	6	11.96
	Page 4 (# copies)	16.67	3.80	6.55	8	7.81
	Average (# copies)	16	4	9	10	10

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Test system parameters

	Item	Value
Test System	Computer	HP Compaq Elite 8300 Small Form Factor PC
	Processor	Intel Core i7-3770 Quad Core (3.40 GHz, 8 MB cache)
	System Chip Set	Intel(R) Q77 Express Chipset
	System Board	Standard system devices, default system BIOS
	System Memory	4 GB (1x4 GB) DDR3 1600 MHz
	Hard Drive subsystem	Hitachi - WD 5000 - 500GB
	Video subsystem	NVIDIA Radeon HD 6550
	Optical Drive	HP DVD-RAM
	IO subsystem	Builtin
	USB subsystem	USB 2.0/3.0
IO	Printer Connection	0
Software	Operating System	Microsoft Windows 7 Professional 64-bit SP1
	Printing Applications	Microsoft Office Pro Plus Word 2010 32-bit SP1 Microsoft Office Pro Plus Excel 2010 32-bit SP1
		Adobe Reader X 10.1.2
	Test Files and location	Office Category files, hard drive