

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

**Full Detailed Test Reports**  
**HP Officejet 6815 e-All-in-One Printers**

**Printing device and test settings**

Test Start Date and Time	02/28/14 9:30AM 02/28/14 9:30AM
Tester	Karen Ting
Machine product number	FDMSA
Machine name/model	HP Officejet 6815 e-All-in-One Printers
FW Version	pinot_mp2_PNM2CN1409BR
Colour or B&W	Color
Temperature and humidity	24 degrees C, 47%
Voltage	240 volts AC
Test End Date and Time	03/8/14 5:30PM 03/8/14 5:30PM

Modes and Settings	Item	Value
Modes and Settings	Driver version	PinotNA Build 63
	Media / Quality Settings	A4/Normal
	Simplex B&W settings	Black Ink Only
	Duplex B&W settings	Black Ink Only
Paper Path	Setting N set count	Application
	Collating function	ON
	Paper sending direction	Default
	Paper size setting	Default
Paper	Paper feeding	Standard cassette
	Paper exit	Standard exit tray
	Output orientation	Face up
	Duplexing ADF Unit	Yes
Paper	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	39	8
	Two Sided	56	5
B&W	Single Sided	26	14
	Two Sided	40	7

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 pt 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

**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)	45.74	5.24	5.84	6.42	6.62
		Word (# sets)	28.46				12.08
		Excel (# sets)	42.45				7.31
		Average	39				8
	Two Sided	PDF (# sets)	61.85	3.88	4.17		4.52
		Word (# sets)	44.25				6.59
		Excel (# sets)	59.38				4.67
		Average	56				5
B&W	Single Sided	PDF (# sets)	26.86	8.93	11.53	12.53	13.50
		Word (# sets)	23.10				17.12
		Excel (# sets)	26.80				13.36
		Average	26				14
	Two Sided	PDF (# sets)	41.22	5.82	6.45		7.20
		Word (# sets)	36.71				8.17
		Excel (# sets)	40.11				7.18
		Average	40				7

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 2) For Simplex B&W results, Black Ink Only  
 3) For Duplex B&W results, Black Ink Only  
 4) Scale content for A4 pt 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)	26.08	2.30	4.88	6.71	6.85
	Page 2 (# copies)	26.10	2.29	7.44		11.12
	Page 3 (# copies)	25.99	2.30	5.50		7.64
	Page 4 (# copies)	26.04	2.30	3.68		4.69
	Average (# copies)	27	2	4	6	7
Black	Page 1 (# copies)	14.52	4.13	9.00	10.42	11.38
	Page 2 (# copies)	14.34	4.18	11.01		13.94
	Page 3 (# copies)	14.64	4.09	9.40		11.65
	Page 4 (# copies)	16.84	3.56	6.25		7.37
	Average (# copies)	16	3	8	10	10

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

**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	Hitdatak - WD 5000 - 500GB
	Video subsystem	NVIDIA Radeon HD 6550
	Optical Drive	HP DVD-RAM
	I/O subsystem	Builtin
	USB subsystem	USB 2.0/3.0
I/O	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