

ISO/IEC 24734 Printing Productivity Report: Office Category
 ISO/IEC 29183 Copying Productivity Report
 ISO/IEC 17629 First Page Out Time Report

Full Detailed Test Reports
 HP OfficeJet 8702 All-in-One Printer

Printing device and test settings		
Test Start Date and Time	01/11/16	12:00:00 AM
Tested By: Tom		
Machine product number	M8L81A	
Machine name/model	HP OfficeJet 8702 All-in-One Printer	
DW Version	1703A	
Colour or B&W	Colour	
Temperature and humidity	24 degrees C, 47%	
Voltage	240 volts AC	
Test End Date and Time	01/26/16	12:00:00 AM

Item	Value
Driver version	39.1.1953
Media Quality Setting	Default / Default
Simplex (B&W) settings	Print in grayscale, black ink only
Duplex (B&W) settings	Print in grayscale, black ink only
Setting to test count	Application
Collating function	Enabled in Application
Paper remaining direction	Default
Paper size setting	Default
Paper feeding	Standard cassette
Paper path	Standard exit tray
Output orientation	Default (face up)
Duplexing ADF Unit	Yes
Duplexing Print Unit	Yes
Paper Manufacturer	HP
Weight	80gsm
Size	A4
Paper type/name	HP Everyday Paper Colorfast

Summary Reports

ISO/IEC 24734	FCOT (seconds)	ESAT (lpm)
Color	23	16
Two Sided	32	10
B&W	20	20
Two Sided	29	11

Notes: 1) lpm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) For Simplex B&W results, Print in grayscale, black ink only
 3) For Duplex B&W results, Print in grayscale, black ink only
 4) Scale constant for A4 for 8.5x11 paper sizes set to off for Word and Excel

FDIS ISO/IEC 29183	FCOT (seconds)	sESAT (lpm)
Color	13	14
Two Sided	13	20

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

ISO/IEC 17629	FPOT From Ready (sec)
Color	10
B&W	9

Notes: 1) For B&W results, Print in grayscale, black ink only

Full Reports

ISO/IEC 24734	Office Category	FCOT (sec)	EFTP (lpm)			sESAT (lpm)
			1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes	
Color	Single Sided	PDF (# sets)	23.00	10.00	12.00	13.60
		Word (# sets)	16.00	1	3	21.90
		Excel (# sets)	27.00			14.30
	Average (# sets)	23			16	
	Two Sided	PDF (# sets)	33.00	7.00	8.00	9.10
		Word (# sets)	25.00	1		12.80
Excel (# sets)		35.00			9.40	
Average (# sets)	32			10		
B&W	Single Sided	PDF (# sets)	18.00	13.00	17.00	18.80
		Word (# sets)	16.00	1	4	22.80
		Excel (# sets)	23.00			18.50
	Average (# sets)	20			20	
	Two Sided	PDF (# sets)	30.00	8.00	9.00	10.70
		Word (# sets)	25.00	1	3	13.60
Excel (# sets)		31.00			11.40	
Average (# sets)	29			11		

Notes: 1) lpm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) For Simplex B&W results, Print in grayscale, black ink only
 3) For Duplex B&W results, Print in grayscale, black ink only
 4) Scale constant for A4 for 8.5x11 paper sizes set to off for Word and Excel

FDIS ISO/IEC 29183	FCOT (sec)	sEFTP (lpm)			sESAT (lpm)
		1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	
Color	Page 1 (# copies)	12.10	4.00	11.00	13.50
	Page 2 (# copies)	11.10	5.00	18.00	22.40
	Page 3 (# copies)	12.00	4.00	11.00	14.10
	Page 4 (# copies)	13.10	4.00	8.00	10.70
	Average (# copies)	13	4	7	14
Black	Page 1 (# copies)	10.00	6.00	17.00	20.80
	Page 2 (# copies)	9.60	6.00	19.00	23.30
	Page 3 (# copies)	10.00	6.00	16.00	19.80
	Page 4 (# copies)	10.00	6.00	16.00	19.00
	Average (# copies)	11	6	17	20

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

ISO/IEC 17629	FPOT From Ready (sec)	FPOT From Sleep (sec)	Recovery Time (sec)
Color Simplex	PDF	8.50	9.50
	Word	7.40	10
	Excel	10.40	
	Average	10.00	
B&W Simplex	Delay Time	20 sec	120 min
	PDF	8.10	8.50
	Word	7.00	17.00
	Excel	8.50	
Average	8.50		
Delay Time	20 sec	120 min	

Notes: 1) For B&W results, Print in grayscale, black ink only
 2) Scale constant for A4 for 8.5x11 paper sizes set to off for Word and Excel

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 (4x 1 GB) DDR3 1600 MHz
	Hard Drive subsystem	HardDisk - WD 5000 - 500GB
	Video subsystem	NVIDIA GeForce HD 6300
	Optical Drive	HP DVD-RAM
	I/O subsystem	Builtin
	USB subsystem	USB 2.0/3.0
I/O	Printer Connection	0
	Operating System	Microsoft Windows 7 Professional 64-bit SP1
Software	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