

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 Pro 8216 Printer

Printing device and test settings		
Test Start Date and Time	12/10/15	12:00:00 AM
Test Name	Test	
Machine product number	E0G270A	
Machine name/model	HP OfficeJet Pro 8216 Printer	
FW Version	15450	
Colour or B&W	Color	
Temperature and humidity	24 degrees C, 47%	
Voltage	240 volts AC	
Test End Date and Time	01/14/16	12:00:00 AM

Item	Value
Driver version	36.1.1881
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 sending direction	Default
Paper size setting	Default
Paper feeding	Standard cassette
Paper path	Standard tray
Output orientation	Default (face up), portrait
Duplicating ADF Unit	No
Duplicating Print Line	Yes
Paper Manufacturer	Print: HP Copy, HP
Weight	Print: 80gsm Copy, 80gsm
Size	Print: A4 Copy, A4
Paper type/name	Print: HP Everyday Paper Color/ok, Copy: HP Everyday Paper Color/ok

Summary Reports

ISO/IEC 24734	FCOT (seconds)	ESAT (ipm)
Color	22	18
Two Sided	32	10
B&W	19	22
Two Sided	28	12

Notes: 1) ipm = 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 (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

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 (ipm)			
			1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes	sESAT (ipm)
Color	Single Sided	PDF (if sets)	23.00	11.00	13.00	14.50
		Word (if sets)	15.00	1	3	24.60
		Excel (if sets)	26.00			15.50
	Two Sided	Average (if sets)	22			18
		PDF (if sets)	33.00	7.00	8.00	9.60
		Word (if sets)	25.00	1		13.40
B&W	Single Sided	Excel (if sets)	35.00			10.00
		Average (if sets)	32			18
		PDF (if sets)	17.00	14.00	19.00	20.90
	Two Sided	Word (if sets)	15.00	1	4	24
		Excel (if sets)	22.00			20.80
		Average (if sets)	19			22

Notes: 1) ipm = 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 (ipm)			
		1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	sESAT (ipm)
Color	Page 1 (if copies)	N/A	N/A	N/A	N/A
	Page 2 (if copies)	N/A	N/A	N/A	N/A
	Page 3 (if copies)	N/A	N/A	N/A	N/A
	Page 4 (if copies)	N/A	N/A	N/A	N/A
	Average (if copies)	N/A	N/A	N/A	N/A
Black	Page 1 (if copies)	N/A	N/A	N/A	N/A
	Page 2 (if copies)	N/A	N/A	N/A	N/A
	Page 3 (if copies)	N/A	N/A	N/A	N/A
	Page 4 (if copies)	N/A	N/A	N/A	N/A
	Average (if copies)	N/A	N/A	N/A	N/A

Notes: 1) ipm = 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	10:10	9:00
	Word	7:50	
	Excel	10:30	
	Average	10:00	
B&W Simplex	Delay Time	20 sec	120 min
	PDF	8:40	9:00
	Word	7:50	
	Excel	8:50	

Notes: 1) For B&W results, Print in grayscale, black ink only
 2) FPOT from Sleep = FPOT from Ready + Recovery Time
 3) Scale constant for A4 for 8.5x11 paper sizes set to off for Word and Excel

Test system parameters

Item	Value
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 device, default system BIOS
System Memory	4 GB (4 x 1 GB DDR3) 1600 MHz
Hard Drive subsystem	HardDisk - WD 5000 - 500GB
Video subsystem	NVIDIA GeForce HD 6350
Optical Drive	HP DVD-RAM
I/O subsystem	Built-in
USB subsystem	USB 2.0/3.0
Printer Connection	0
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