

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 8218 Printer (Blue Angel)

Printing device and test settings		
Test Start Date and Time	03/14/16	12:00:00 AM
Test Name	Test	
Machine product number	J9P18A	
Machine name/model	HP OfficeJet Pro 8218 Printer	
FW Version	1802A	
Colour or B&W	Colour	
Temperature and humidity	24 degrees C, 47%	
Voltage	240 volts AC	
Test End Date and Time	03/15/16	12:00:00 AM

Item	Value
Driver version	36.1.1866
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 Colorlok Copy, HP Everyday Paper Colorlok

Summary Reports			
ISO/IEC 24734	FCOT (seconds)	ESAT (ipm)	
Color	23	16	
Two Sided	31	10	
B&W	20	20	
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			
Color	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		
Color	Simplex	FPOT From Ready (sec)
Color	Simplex	10
B&W	Simplex	9

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

Full Reports							
ISO/IEC 24734		Office Category	FCOT (sec)	EFTP (ipm)			sESAT (ipm)
Color	Single Sided	PDF (# sets)	Word (# sets)	Excel (# sets)	1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes
					10.00	12.00	13.50
Color	Single Sided	PDF (# sets)	24.00	10.00	1	3	16
		Word (# sets)	16.00				23.10
		Excel (# sets)	27.00				14.40
		Average (# sets)	23				16
		PDF (# sets)	33.00	7.00	8.00		9.50
	Two Sided	PDF (# sets)	25.00	1			13.50
		Word (# sets)	34.00				10.00
		Excel (# sets)	31				10
		Average (# sets)	18.00	13.00	17.00	17.00	19.30
		PDF (# sets)	15.00	1	4	22	24.10
B&W	Single Sided	Word (# sets)	23.00			19.10	
		Excel (# sets)	20			20	
		Average (# sets)	28.00	8.00	10.00		12.20
		PDF (# sets)	24.00	1	3		14.20
		Word (# sets)	31.00				12.10
	Two Sided	Excel (# sets)	28				12
		Average (# sets)					

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						
Color	Page #	FCOT (sec)	sEFTP (ipm)			sESAT (ipm)
			1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	
Color	Page 1 (# copies)	N/A	N/A	1	N/A	N/A
	Page 2 (# copies)	N/A	N/A	1	N/A	N/A
	Page 3 (# copies)	N/A	N/A	1	N/A	N/A
	Page 4 (# copies)	N/A	N/A	1	N/A	N/A
	Average (# copies)	N/A	N/A	1	N/A	N/A
Black	Page 1 (# copies)	N/A	N/A	N/A	N/A	N/A
	Page 2 (# copies)	N/A	N/A	N/A	N/A	N/A
	Page 3 (# copies)	N/A	N/A	N/A	N/A	N/A
	Page 4 (# copies)	N/A	N/A	N/A	N/A	N/A
	Average (# copies)	N/A	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				
Color	Simplex	FPOT from Ready (sec)	FPOT from Sleep (sec)	Recovery Time (sec)
Color Simplex	PDF	8.50	18.00	9.00
	Word	7.50		10
	Excel	10.30		
	Average	10.00		
	Delay Time	20 sec	120 min	
B&W Simplex	PDF	8.10	18.00	9.00
	Word	7.50		
	Excel	8.50		
	Average	8.80		
	Delay Time	20 sec	120 min	

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
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 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	
Software	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	