

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 9130b All-in-One series

Printing device and test settings	
Test Start Date and Time	06/19/23 12:00:00 AM
Tester	Manoj
Machine product number	4U955A
Machine name/model	HP OfficeJet Pro 9130b All-in-One
FW Version	6.18.0.1841
Colour or B&W	Color
Temperature and humidity	23deg, 54%
Voltage	220V AC
Test End Date and Time	06/21/23 12:00:00 AM

Modes and Settings	Item	Value
Settings	Driver version	3.04.1.23175
	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 N set count	Application
Paper Path	Collate function	Enabled in Application
	Paper sending direction	Default
	Paper size setting	Default
	Paper feeding	Standard cassette
	Paper exit	Standard exit tray
Paper	Output orientation	Default (Back up), portrait
	Duplexing ADF Unit	Yes
	Duplexing Print Unit	Yes
	Paper Manufacturer	Print: HP Copy: HP
	Weight	Print: 80gsm Copy: 80gsm
Paper	Size	Print: A4 Copy: A4
	Paper type/name	Print: HP Everyday Paper Colorlok Copy: HP Everyday Paper Colorlok

Summary Reports		
ISO/IEC 24734	FSOT (seconds)	ESAT (gpm)
Color	Single Sided	23
	Two Sided	20
B&W	Single Sided	20
	Two Sided	19

Notes: 1) gpm = Images Per Minute and is equivalent to ppm in 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 content for A4 for 8.5x11 paper sizes set to off for Word and Excel

FDIS ISO/IEC 29183		
Color	FCOT (seconds)	sESAT (gpm)
Color	8	23
B&W	8	23

Notes: 1) gpm = Images Per Minute and is equivalent to ppm in Pages Per Minute or ppm or Copies Per Minute

ISO/IEC 17629		FPOT From Ready (sec)
Color	Simplex	12
B&W	Simplex	12

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

Full Reports						
ISO/IEC 24734		Office Category	FSOT (sec)	EFTP (gpm)		sESAT (gpm)
Color	Single Sided	PDF (# sets)	1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	15.00
			Word (# sets)	27.00	9.00	
Color	Two Sided	PDF (# sets)	1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	19.00
			Word (# sets)	19.00	9.00	
Color	Two Sided	Excel (# sets)	1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	16.70
			Word (# sets)	22.00	9.00	
Color	Two Sided	Average	1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	19.00
			Word (# sets)	23.00	9.00	
Color	Two Sided	PDF (# sets)	1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	7.90
			Word (# sets)	42.00	5.00	
Color	Two Sided	Excel (# sets)	1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	9.50
			Word (# sets)	34.00	5.00	
Color	Two Sided	Average	1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	8.30
			Word (# sets)	35.00	5.00	
Color	Two Sided	Average	1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	8.00
			Word (# sets)	38.00	5.00	
B&W	Single Sided	PDF (# sets)	1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	23.90
			Word (# sets)	22.00	11.00	
B&W	Single Sided	Excel (# sets)	1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	28.40
			Word (# sets)	18.00	11.00	
B&W	Single Sided	Average	1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	24.00
			Word (# sets)	18.00	11.00	
B&W	Two Sided	PDF (# sets)	1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	15.00
			Word (# sets)	23.00	8.00	
B&W	Two Sided	Excel (# sets)	1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	17.10
			Word (# sets)	24.00	8.00	
B&W	Two Sided	Average	1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	15.00
			Word (# sets)	24.00	8.00	

Notes: 1) gpm = Images Per Minute and is equivalent to ppm in Pages Per Minute or ppm or Copies 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 content for A4 for 8.5x11 paper sizes set to off for Word and Excel

FDIS ISO/IEC 29183						
Color	Page 1 (# copies)	Page 2 (# copies)	Page 3 (# copies)	Page 4 (# copies)	Average	sEFTP (gpm)
Color	Page 1	Page 2	Page 3	Page 4	Average	14.80
	8.80	7.80	8.80	9.90	10	14.80
	7.00	7.00	7.00	7.00	7.00	19.10
	8.80	7.00	7.00	7.00	7.00	15.70
	9.90	6.00	6.00	6.00	6.00	11.90
Black	Page 1	Page 2	Page 3	Page 4	Average	23.00
	7.10	7.00	7.00	7.20	8	23.00
	7.00	7.00	7.00	7.00	7.00	25.20
	7.30	7.00	7.00	7.00	7.00	22.60
	7.20	7.00	7.00	7.00	7.00	22.40

Notes: 1) gpm = Images Per Minute and is equivalent to ppm in Pages Per Minute or ppm or Copies Per Minute

ISO/IEC 17629				
Color Simplex	FPOT from Ready (sec)	FPOT from Sleep (sec)	Recovery Time (sec)	
Color Simplex	PDF	13.00	21.00	8.00
	Word	12.20	21.00	8.00
	Excel	11.40	21.00	8.00
	Average	13.00	21.00	8.00
	Delay Time	30 sec	120 min	8.00
B&W Simplex	PDF	11.80	19.50	8.00
	Word	12.10	19.50	8.00
	Excel	10.00	19.50	8.00
	Average	12.00	19.50	8.00
	Delay Time	30 sec	120 min	8.00

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

Test system parameters		
Item	Value	
Test System	Computer	HP Envoy 15 Notebook
	Processor	Intel Core i5-4210U 1.7GHz
	System Disk Set	Intel Celeron
	System Board	229A
	System Memory	8GB 1600MHz DDR3L
	Hard Drive subsystem	4GB 220GB of storage
	Video subsystem	Intel HD graphics
	Optical Drive	HP DVD-RW GJ80N
	FD subsystem	Built in
	USB subsystem	USB 2.0/3.0
I/O	Printer Connection	USB 2.0
	Operating System	Microsoft Windows 10 Enterprise
Software	Printing Applications	Microsoft Office Word 2016 MSO 64-bit
		Microsoft Office Excel 2016 64-bit
	Test Files and location	Public Internet Reader Doc, Version: 2018.099.20044 Office Category files, hard drive