

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 8120/8130/8130e/8130e All-in-One Printer series

Printing device and test settings	
Test Start Date and Time	07/03/2023 1:30P/07/03/2023 1:30PM
Tester	Hammam, David
Machine product number	4098190
Machine name/model	HP OfficeJet Pro 8120 All-in-One Printer
FW Version	6.15.0.1580
Colour or B&W	Color
Temperature and humidity	21.0degC 59%
Volume	1491 A4
Test End Date and Time	07/15/2023 5:00P/15/07/2023 5:00PM

Item	Value
<b>Modes and Settings</b>	Driver version: 1.00.0.2448
	Media / Quality Settings: All Normal
	Simplex (B&W) settings: black ink only
	Duplex (B&W) settings: black ink only
	Settings by test count: Application
	Collating function: on
<b>Paper Path</b>	Paper sensing direction: Default
	Paper size settings: Default
	Paper feeding: Standard cassette
	Paper exit: Standard exit tray
	Output orientation: face up, portrait
<b>Paper</b>	Duplicating ADF: Unit on
	Duplicating Print Unit: Yes
	Paper Manufacturer: Print HP Copy HP
	Weight: Print 80 gram Copy 80 gram
	Size: Print A4 Copy A4
	Paper type/name: Print HP Everyday Paper Copy HP Everyday Paper

Summary Reports

ISO/IEC 24734	FSOT (seconds)	ESAT (lpm)
<b>Color</b>		
Single Sided	43	10
Two Sided	50	6
<b>B&amp;W</b>		
Single Sided	29	20
Two Sided	30	10

Notes: 1) lpm = 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 for 8.5x11 paper sizes set to off for Word and Excel

#DIS ISO/IEC 29183	FCOT (seconds)	sESAT (lpm)
<b>Color</b>	8	6
<b>B&amp;W</b>	13	12

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

ISO/IEC 17629	FPOT From Ready (sec)
<b>Color</b>	18
<b>B&amp;W</b>	15

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

Full Reports

ISO/IEC 24734	Office Category	FSOT (sec)	eFTP (lpm)				sESAT (lpm)
			1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes	4 Minutes	
<b>Color</b>	Single Sided	PDF	44.00	3.00	6.00	7.00	7.50
		(# sets)					
		Word	44.00	1	1	1	15.00
	Two Sided	Excel	40.00	1	1	1	8.10
		(# sets)					
		Average	43	1	1	1	15
<b>B&amp;W</b>	Single Sided	PDF	56.00	1.00	1.00	1	5.70
		(# sets)					
		Word	37.00	1	1	1	9.50
	Two Sided	Excel	54.00	1	1	1	5.50
		(# sets)					
		Average	50	1	1	1	6

Notes: 1) lpm = 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 for 8.5x11 paper sizes set to off for Word and Excel

#DIS ISO/IEC 29183	FCOT (sec)	eFTP (lpm)			sESAT (lpm)	
		1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes		
<b>Color</b>	Page 1 (# copies)	16.20	3.00	4.00	4.00	5.50
	Page 2 (# copies)	16.60	3.00	1	1	9.40
	Page 3 (# copies)	16.80	3.00	1	1	7.40
	Page 4 (# copies)	22.00	2.00	1	1	4.60
	(# copies)					
	Average	19	2	2	2	6
<b>Black</b>	Page 1 (# copies)	12.80	4.00	10.00	8	13.00
	Page 2 (# copies)	11.70	5.00	13.00	8	18.10
	Page 3 (# copies)	12.60	4.00	11.00	8	14.20
	Page 4 (# copies)	14.90	4.00	7.00	4	9.10
	(# copies)					
	Average	13	4	10	8	12

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

ISO/IEC 17629	FPOT from Ready (sec)	FPOT from Sleep (sec)	Recovery Time (sec)	
<b>Color Simplex</b>	PDF	19.50	24.50	5.00
	Word	16.50		
	Excel	17.00		
	Average	18.00		
	Delay Time	50 sec	120 min	
<b>B&amp;W Simplex</b>	PDF	14.00	19.00	5.00
	Word	15.00		
	Excel	13.70		
	Average	15.00		
	Delay Time	50 sec	120 min	

Notes: 1) For B&W results, 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
<b>Computer</b>	HP 15 Notebook
Processor	Intel Core i5-8210U 1.70GHz
System Chip Set	Intel Chipset
System Board	Q26A
System Memory	8GB 19200MHz DDR4
Hard drive subsystem	Intel PRO 1000E 10GbE
Video subsystem	Intel HD graphics
Optical Drive	HP DVD-RW GJ80N
HD subsystem	8TB 6
USB subsystem	USB 2.0/3.0
<b>IO</b>	USB 2.0
<b>Software</b>	Operating System: Microsoft Windows 10 Enterprise
Printing Applications	Microsoft Office Word 2016 MSO 64-bit
	Microsoft Office Excel 2016 64-bit
	Adobe Acrobat Reader DC Version 2018.009.20044
Test Files and location	Office Category files, hard drive