

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 9720/9720e WF AIO Printer series

Printing device and test settings	
Test Start Date and Time	06/15/23 10:00PM 06/15/23 10:00PM
Tester	Joe Sheng
Machine product number	FC38008
Machine name/model	HP OfficeJet Pro 9720e WF AIO Printer
FW Version	8.15.0.1886
Colour or B&W	Color
Temperature and humidity	21.8 degC & 58%
Voltage	240V
Test End Date and Time	07/04/23 5:00PM 07/04/23 5:00PM

Modes and Settings	Item	Value
Settings	Driver version	3.04.0.2345
	Media / Quality Setting	A4 Normal
	Simplex B&W settings	black ink only
	Duplex B&W settings	black ink only
Paper Path	Setting N set count	Application
	Collating function	on
	Paper sending direction	Default
	Paper size setting	Default
Paper	Paper feeding	Standard cassette
	Paper exit	Standard exit tray
	Output orientation	face up, portrait
	Duplexing ADF Unit	no
	Duplexing Print Unit	yes
	Paper Manufacturer	Print: HP Copy: HP
Paper	Weight	Print: 80 gsm Copy: 80 gsm
	Size	Print: A4 Copy: A4
	Paper type/name	Print: HP Everyday Paper Copy: HP Everyday Paper

Summary Reports

ISO/IEC 24734	FSOT (seconds)	ESAT (ipm)
Color	Single Sided	23 18
	Two Sided	37 11
B&W	Single Sided	20 22
	Two Sided	33 13

Notes: 1) ipm = 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

FDIS ISO/IEC 29183	FCOT (seconds)	eESAT (ipm)
Color	10	13
B&W	8	18

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

ISO/IEC 17629	FPOT From Ready (sec)
Color	13
B&W	12

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

Full Reports

ISO/IEC 24734		Office Category	FSOT (sec)	1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes	eESAT (ipm)
Color	Single Sided	PDF (# sets)	27.00	9.00	12.00	14.00	15.20
		Word (# sets)	18.00				26.10
		Excel (# sets)	23.00				15.50
	Two Sided	Average	23				18
		PDF (# sets)	42.00	6.00	8.00		9.60
		Word (# sets)	33.00				14.50
B&W	Single Sided	PDF (# sets)	22.00	11.00	17.00	19.00	21.10
		Word (# sets)	18.00				26.00
		Excel (# sets)	18.00				20.80
	Two Sided	Average	20				22
		PDF (# sets)	35.00	7.00	10.00		12.80
		Word (# sets)	32.00				14.60
Two Sided	Excel (# sets)	31.00				12.50	
	Average	33				13	

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

FDIS ISO/IEC 29183		FCOT (sec)	eEFTP (ipm)			eESAT (ipm)
			1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	
Color	Page 1 (# copies)	8.70	7.00	11.00	9	12.50
	Page 2 (# copies)	7.20	8.00	15.00	11	16.40
	Page 3 (# copies)	8.70	7.00	11.00	11	13.10
	Page 4 (# copies)	10.00	6.00	9.00	5	10.10
	Average (# copies)	10	7	11	8	13
Black	Page 1 (# copies)	7.10	8.00	16.00	11	17.80
	Page 2 (# copies)	6.40	9.00	19.00	11	20.90
	Page 3 (# copies)	7.10	8.00	16.00	12	17.80
	Page 4 (# copies)	7.00	8.00	15.00	11	16.80
	Average (# copies)	8	8	16	11	18

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

ISO/IEC 17629	FPOT from Ready (sec)	FPOT from Sleep (sec)	Recovery Time (sec)
Color Simplex	PDF	12.90	21.90
	Word	10.40	9.00
	Excel	9.00	13.00
	Average	13.00	13.00
B&W Simplex	Delay Time	30 sec	120 min
	PDF	9.60	23.60
	Word	9.60	14.00
	Excel	8.00	12.00
Average	12.90	12.00	
Delay Time	30 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
Test System	Computer	HP Envy 15 Notebook
	Processor	Intel Core i5-4210U 1.70GHz
	System Chip Set	Intel Chipset
	System Board	Q25A
	System Memory	8GB 1600MHz DDR3L
	Hard Drive subsystem	HGST 750GB of storage
	Video subsystem	Intel HD graphics
	Optical Drive	HP DVD/RW GUBON
	IO subsystem	Built in
	USB subsystem	USB 2.0/3.0
IO	Printer Connection	USB 2.0
Software	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	