

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 Envy 5052 All-in-One Printer

Printing device and test settings	
Test Start Date and Time	2025/11/12 12:00:00 AM
Tester	Karin Eng
Machine product number	M01926
Machine name/model	HP Envy 5052 All-in-One Printer
FW Version	VERBASPP1N001.1741D.00
Colour or B&W	Color
Temperature and humidity	24.4 degrees, 46% humidity
Voltage	240V
Test End Date and Time	2025/11/12 12:00:00 AM

Modes and Settings	Item	Value
Settings	Driver version	Build 2554
	Media / Quality Setting	Plain/Normal
	Simplex B&W settings	Black ink only
	Duplex B&W settings	Black ink only
Paper Path	Setting N set count	Application
	Collate function	Enabled
	Paper sending direction	Default
	Paper size setting	Default
Paper	Paper feeding	Standard cassette
	Paper exit	Standard exit tray
	Output orientation	Face up, Portrait
	Duplexing ADP Unit	No
	Duplexing Print Unit	No
	Paper Manufacturer	Print: HP Copy: HP
Paper	Weight	Print: 80gsm Copy: 80gsm
	Size	Print: A4 Copy: A4
	Paper type/name	Print: HP Everyday Media Copy: HP Everyday Paper ColorJet

Summary Reports

ISO/IEC 24734	FSOT (seconds)	ESAT (gpm)
Color	Single Sided	55 6
	Two Sided	68 3
B&W	Single Sided	37 9
	Two Sided	72 3

Notes: 1) gpm = 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)	sESAT (gpm)
Color	17	8
B&W	17	8

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

ISO/IEC 17629	FPOT From Ready (sec)
Color Simplex	19
B&W Simplex	19

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

Full Reports

ISO/IEC 24734	Office Category	FSOT (sec)	EFTP (gpm)				sESAT (gpm)
			1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	1 Set + 4	
Color	Single Sided	PDF (# sets)	61.00	3.00	4.00	4.00	4.50
		Word (# sets)	35.00	1	1	1	10.10
		Excel (# sets)	66.00	1	1	1	4.10
	Two Sided	Average	55	2.00	2.00	2.00	6
		PDF (# sets)	103.00	2.00	2.00	2.00	2.20
		Word (# sets)	61.00	1	1	1	4.50
B&W	Single Sided	Excel (# sets)	98.00	1	1	1	2.50
		Average	88	6.00	7.00	7.00	3
		PDF (# sets)	40.00	6.00	7.00	7.00	7.50
	Two Sided	Word (# sets)	30.00	1	1	1	12.80
		Excel (# sets)	40.00	1	1	1	7.80
		Average	37	2.00	3.00	3.00	9
Two Sided	PDF (# sets)	60.00	1	1	1	3.20	
	Word (# sets)	62.00	1	1	1	4.50	
	Excel (# sets)	71.00	1	1	1	3.70	
		Average	72	2.00	3.00	3.00	3

Notes: 1) gpm = 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	Page	FCOT (sec)	sEFTP (gpm)				sESAT (gpm)
			1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	1 Copy + 4	
Color	Page 1 (# copies)	27.10	2.00	3.00	3.00	3.70	
	Page 2 (# copies)	25.10	2.00	3.00	3.00	5.00	
	Page 3 (# copies)	25.20	2.00	3.00	3.00	4.00	
	Page 4 (# copies)	28.50	2.00	2.00	2.00	3.20	
Average (# copies)		27	2.00	3.00	3.00	4	
Black	Page 1 (# copies)	18.00	3.00	5.00	5.00	6.20	
	Page 2 (# copies)	13.80	4.00	9.00	9.00	11.70	
	Page 3 (# copies)	15.30	3.00	7.00	7.00	8.50	
	Page 4 (# copies)	17.30	3.00	5.00	5.00	6.50	
Average (# copies)		17	3	6	6	8	

Notes: 1) gpm = 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	20.80	0.00
	Word	15.40	0.00
	Excel	23.50	0.00
	Average	19.80	0.00
B&W Simplex	Delay Time	50 sec	120 min
	PDF	15.00	0.00
	Word	14.30	0.00
	Excel	15.30	0.00
Average		16.80	0.00
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
Computer	HP Envy 15 Notebook
Processor	Intel Core i5-4210U 1.70GHz
System Chip Set	Intel Chipset
System Board	228A
System Memory	8GB 1600MHz DDR3L
Hard Drive subsystem	4GB 220GB of storage
Video subsystem	Intel HD graphics
Optical Drive	HP DVD-RW DL-BURN
IO subsystem	Built in
USB subsystem	USB 2.0/3.0
IG	Printer Connection
Software	Microsoft Windows 8.1 Multi Language 64 E-d
Printing Applications	Microsoft Office Word 2013 64-bit SP1
	Microsoft Office Excel 2013 64-bit SP1
	Adobe Reader X 11.0.10
Test Files and location	Office Category files, hard drive