

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 Tango (Envy) series

Printing device and test settings	
Test Start Date and Time	2020/11/18 4:00:00 PM
Tester	Sarah Ong
Machine product number	2R754A
Machine name/model	HP Tango (Envy)
FW Version	1823A
Colour or B&W	Color
Temperature and humidity	Approximately 25C, 50%
Voltage	220
Test End Date and Time	2020/11/18 2:00:00 PM

Item	Value
Driver version	42.0.4219
Media / Quality Setting	Plain paper normal
Simplex B&W settings	Black ink only
Duplex B&W settings	N/A
Setting N set count	Application
Collate function	Collate
Paper sending direction	Default
Paper size setting	Default
Paper feeding	Standard cassette
Paper exit	Standard exit tray
Output orientation	Face up, Portrait
Duplexing ADF Unit	No
Duplexing Print Unit	No
Paper Manufacturer	Print: HP Copy: N/A
Weight	Print: 80 g/m ² Copy: N/A
Size	Print: A4 Copy: A4
Paper type/name	Print: HP Everyday Copy: N/A

Summary Reports			
ISO/IEC 24734		FSOT (seconds)	sESAT (ppm)
Color	Single Sided	40	8
	Two Sided	N/A	N/A
B&W	Single Sided	30	11
	Two Sided	N/A	N/A

Notes: 1) ppm = 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, N/A

FDIS ISO/IEC 29183			
		FCOT (seconds)	sESAT (ppm)
Color		N/A	N/A
B&W		N/A	N/A

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

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

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

Full Reports								
ISO/IEC 24734		Office Category	FSOT (sec)	EFTP (ppm)			sESAT (ppm)	
				1 Set	1 Set + 30 seconds	1 Set + 4 Minutes		
Color	Single Sided	PDF (# sets)	44.00	5.00	5.00	6.00	7.10	
		Word (# sets)	28.00	1	1	1	11.80	
		Excel (# sets)	46.00				6.40	
			Average	40				8
	Two Sided	PDF (# sets)	N/A	N/A	N/A	N/A	N/A	N/A
		Word (# sets)	N/A	N/A	N/A	N/A	N/A	N/A
Excel (# sets)		N/A	N/A	N/A	N/A	N/A	N/A	
		Average	N/A	N/A	N/A	N/A	N/A	
B&W	Single Sided	PDF (# sets)	33.00	7.00	9.00	10.00	10.90	
		Word (# sets)	25.00				13.60	
		Excel (# sets)	30.00				10.50	
			Average	30			11	
	Two Sided	PDF (# sets)	N/A	N/A	N/A	N/A	N/A	
		Word (# sets)	N/A	N/A	N/A	N/A	N/A	
Excel (# sets)		N/A	N/A	N/A	N/A	N/A		
		Average	N/A	N/A	N/A	N/A		

Notes: 1) ppm = 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, N/A

FDIS ISO/IEC 29183						
		FCOT (sec)	1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	sESAT (ppm)
Color	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
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

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

ISO/IEC 17629				
		FPOT From Ready (sec)	Recovery Time (sec)	
Color Simplex	PDF	15.50	17.50	
	Word	12.30		
	Excel	12.50		
	Average		15.00	
	Delay Time	50 sec	65 mm	
B&W Simplex	PDF	13.00	15.00	
	Word	10.80		
	Excel	9.80		
	Average		13.00	
	Delay Time	50 sec	65 mm	

Notes: 1) For B&W results, Black ink only
 2) FPOT from Sleep Average + FPOT from Ready Average + Recovery Time

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	223A
	System Memory	8GB 1600MHz DDR3L
	Hard Drive subsystem	HGST 200GB of storage
	Video subsystem	Intel HD graphics
	Optical Drive	HP DVDRW G8-B0N
	IO subsystem	Built in
	USB subsystem	USB 2.0/3.0
iG	Printer Connection	Wireless 2.4GHz
	Operating System	Microsoft Windows 10 Enterprise
	Printing Applications	Microsoft Office Word 2016 MSO 64-bit Microsoft Office Excel 2016 64-bit
	Test Files and location	Public Domain Reader Doc, Version 2018.0509.20044 Office Category files, hard drive