

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 Photo 7800 All-in-One Printer Series

Printing device and test settings	
Test Start Date and Time	12/02/17 12:00:00 AM
Tester	Karin Ting
Machine product number	K7R96A
Machine name/model	HP ENVY Photo 7800 All-in-One Printer
FW Version	1713C
Colour or B&W	Color
Temperature and humidity	24.5 degrees, 49% humidity
Voltage	240V
Test End Date and Time	12/02/17 12:00:00 AM

Item	Value
Driver version	Build 2459
Media / Quality Setting	Plain/Normal
Simplex B&W settings	Black ink only
Duplex B&W settings	Black ink only
Setting N set count	Application
Collate function	Enabled
Paper Path	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: HP
Weight	Print: 80gsm Copy: 80gsm
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	27
	Two Sided	69
B&W	Single Sided	29
	Two Sided	69

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		
Color	FCOT (seconds)	sESAT (gpm)
B&W	15	13

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

ISO/IEC 17629		
Color	Simplex	FPOT From Ready (sec)
B&W	Simplex	10

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

Full Reports							
ISO/IEC 24734		Office Category	FSOT (sec)	EFTP (gpm)			sESAT (gpm)
Color	Single Sided	PDF (# sets)	39.00	6.00	7.00	8.00	8.60
		Word (# sets)	28.00	1	2	11	15.30
Excel (# sets)	43.00	1	2	11	7.60		
Average	37	1	2	11	10		
Two Sided	PDF (# sets)	63.00	2.00	3.00	3.20	3.20	
	Word (# sets)	56.00	1	1	5.20		
Excel (# sets)	67.00	1	1	4.20			
Average	69	1	1	3	3		
B&W	Single Sided	PDF (# sets)	29.00	8.00	11.00	13.00	13.70
		Word (# sets)	25.00	1	1	16	19.40
Excel (# sets)	30.00	1	1	13.20			
Average	29	1	1	16			
Two Sided	PDF (# sets)	143.00	3.00	2.00	4.20	4.20	
	Word (# sets)	56.00	1	1	5.40		
Excel (# sets)	53.00	1	1	5.50			
Average	69	1	1	4			

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										
Color	Page 1 (# copies)	Page 2 (# copies)	Page 3 (# copies)	Page 4 (# copies)	Average	FCOT (sec)	1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	sESAT (gpm)
						18.50	3.00	5.00	6.00	6.50
17.50	3.00	6.00	30	8.20						
17.90	3.00	5.00	6	6.90						
20.00	2.00	4.00	5	5.60						
13.80	4.00	10.00	0.00	12.80						
12.50	4.00	14.00	0	17.70						
13.50	4.00	11.00	8	13.50						
14.20	4.00	9.00	8	11.80						
16	4	11	8	13						

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

ISO/IEC 17629			
Color Simplex	FPOT from Ready (sec)	FPOT from Sleep (sec)	Recovery Time (sec)
PDF	10.00	20.80	4.00
Word	15.30	10	4
Excel	17.30	10	4
Average	16.00	100 mm	4
Delay Time	50 sec	120 mm	4.00
B&W Simplex	PDF	15.00	19.00
Word	14.30	19	4
Excel	14.50	19	4
Average	16.00	120 mm	4
Delay Time	50 sec	120 mm	4

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 Disk Set	Intel Chipset
System Board	229A
System Memory	8GB 1600MHz DDR3L
Hard Drive subsystem	4GB 7200rpm 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
Printer Connection	USB
Operating System	Microsoft Windows 8.1 Multi Language 64-bit
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