

ISO/IEC 24734 Printing Productivity Report: Office Category  
 FDIS ISO/IEC 29183 Copying Productivity Report

Full Detailed Test Reports  
 HP Envy 5660

Printing device and test settings

Test Start Date and Time	12/15/14	12:00:00 AM
Tester	Monica Hoebet	
Machine product number	C610G	
Machine name/model	HP Envy 5660	
F.W. Version	NLMZCN1448BR (VR2) for print; NLMZCN1531BR (VR3) for copy	
Colour or B&W	Color	
Temperature and humidity	Ambient	
Voltage	120V	
Test End Date and Time	01/13/15	12:00:00 AM

	Item	Value
Modes and Settings	Driver version	Win 7
	Media / Quality Setting	Default
	Simplex B&W settings	Black Ink Only
	Duplex B&W settings	Black Ink Only
Paper Path	Setting N set count	Application
	Collating function	Off
	Paper sending direction	Default
	Paper size setting	Default
	Paper feeding	Standard cassette
	Paper exit	Standard exit tray
	Output orientation	Face Up
	Duplexing ADF Unit	No
	Duplexing Print Unit	Yes
	Paper	Paper Manufacturer
	Weight	80 gsm
	Size	A4
	Paper type/name	HP Office for print, HP Bright White for copy

Summary Reports

ISO/IEC 24734	Color	FSOT (seconds)	ESAT (ipm)
Color	Single Sided	39	9
	Two Sided	73	4
B&W	Single Sided	30	14
	Two Sided	66	4

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 pr 8.5x11 paper sizes set to off for Word and Excel

FDIS ISO/IEC 29183	Color	FCOT (seconds)	sESAT (ipm)
Color	B&W	27	5
		15	11

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute  
 2) Copy speed is limited to a maximum of 5 ppm for Belgium

Full Reports

ISO/IEC 24734	Office Category	FSOT (sec)	EFTP (ipm)			sESAT (ipm)	
			1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes		
Color	Single Sided	PDF (# sets)	44.13	5.43	7.14	7.78	8.18
		Word (# sets)	27.49		3	10	14.22
		Excel (# sets)	44.68				7.33
		Average	39				9
		PDF (# sets)	83.30	2.88	3.03		3.25
	Two Sided	Word (# sets)	55.47				5.10
		Excel (# sets)	77.48				4.16
		Average	73				4
		PDF (# sets)	31.67	7.53	10.60	N/A	12.87
		Word (# sets)	24.02				17.28
B&W	Single Sided	Excel (# sets)	31.21				12.40
		Average	30				14
		PDF (# sets)	72.66	3.30	3.48		3.80
		Word (# sets)	52.72				5.43
		Excel (# sets)	71.51				4.60
	Two Sided	Average	66				4

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 pr 8.5x11 paper sizes set to off for Word and Excel

FDIS ISO/IEC 29183	FCOT (sec)	sEFTP (ipm)			sESAT (ipm)		
		1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes			
Color	Page 1 (# copies)	28.56	2.25	4.51	6.14	6.65	
	Page 2 (# copies)	26.37	2.27	5.84		8.67	
	Page 3 (# copies)	26.46	2.26	4.52		6.20	
	Page 4 (# copies)	28.14	2.14	3.85		5.07	
	Average	27	2	4	6	5	
	Black	Page 1 (# copies)	14.74	4.07	8.97	10.61	11.47
		Page 2 (# copies)	14.71	4.07	11.10	10	14.08
		Page 3 (# copies)	14.71	4.07	9.44		11.98
		Page 4 (# copies)	14.65	4.09	8.72		10.75
		Average	15	4	9	10	11

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Test system parameters

	Item	Value
Test System	Computer	HP dv6812us Notebook PC
	Processor	AMD Turion TL-60 2.0 GHz, 1 MB L2 cache
	System Chip Set	Nvidia/Southbridge: nVidia MCP7M
	System Board	Standard system device, default system BIOS
	System Memory	3GB PC2-4300 DDR2 SDRAM
	Hard Drive subsystem	Western Digital WD2500BEVS 250 GB
	Video subsystem	nVidia GeForce 7150M
	Optical Drive	Panasonic/Hewlett-Packard, DVD+RW and CD-RW
	IO subsystem	Built in
	USB subsystem	USB 2.0
Software	Printer Connection	USB 2.0
	Operating System	Microsoft Windows 7 Professional 64-bit SP1
	Printing Applications	Microsoft Office Word 2010 32-bit SP1 Microsoft Office Excel 2010 32-bit SP1
	Test Files and location	Adobe Reader X.10.1.2 Office Category files, hard drive