

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

Full Detailed Test Reports
 HP Envy 7640

Printing device and test settings

Test Start Date and Time	8/6/2015 12:00PM 8/6/2015 12:00PM
Tester	Sarah Molyneux
Machine product number	6650L
Machine name/model	HP Envy 7640
F.W. Version	NSM2CN1532BR
Colour or B&W	Color
Temperature and humidity	Ambient
Voltage	120
Test End Date and Time	8/12/2015 12:00pm 8/12/2015 12:00pm

Item	Value
Driver version	Win 7
Media / Quality Setting	Default
Simplex B&W settings	Black Ink Only
Duplex B&W settings	N/A
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 Manufacturer	Hewlett-Packard
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)
Single Sided	71	40	9
Two Sided	71	4	4
Single Sided	31	14	14
Two Sided	66	4	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, N/A
 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)
B&W	15	5	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)	43.01	5.58	7.04	7.84	8.28
		Word (# sets)	28.76		3	10	14.45
		Excel (# sets)	45.64				7.43
	Average	40				9	
	Two Sided	PDF (# sets)	85.12	2.81	3.02	3	3.24
		Word (# sets)	56.52				5.17
Excel (# sets)		69.08				4.17	
Average	71				4		
B&W	Single Sided	PDF (# sets)	31.98	7.52	10.45	12.34	13.11
		Word (# sets)	26.23				17.45
		Excel (# sets)	32.04				12.47
	Average	31				14	
	Two Sided	PDF (# sets)	77.72	3.09	3.50	2	3.80
		Word (# sets)	54.67				5.42
Excel (# sets)		63.41				4.59	
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, N/A
 4) Scale content for A4 pr 8.5x11 paper sizes set to off for Word and Excel

FDIS ISO/IEC 29183	Color	FCOT (sec)	sEFTP (ipm)			sESAT (ipm)	
			1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes		
Color	Page 1	(# copies)	27.01	2.22	4.72	5.51	6.53
		(# copies)	26.52	2.26	5.67	6	8.35
	Page 3	(# copies)	26.46	2.26	4.77	6	6.32
		(# copies)	26.58	2.25	3.81	6	5.16
	Average	26	2	4	5	5	
	Black	Page 1	(# copies)	14.90	4.02	9.18	9.52
(# copies)			14.87	4.03	11.69	10	14.96
Page 3		(# copies)	14.76	4.06	9.52	8	11.88
		(# copies)	14.87	4.03	8.50	8	10.53
Average		15	4	9	9	11	

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Test system parameters

Item	Value
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
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