

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

Full Detailed Test Reports  
 HP Deskjet Ink Advantage 5645 All-in-One Printer

Printing device and test settings

Test Start Date and Time	04/27/15 6:30AM 04/27/15 6:30AM
Tester	Marilyn Woods
Machine product number	B9S57C
Machine name/model	HP Deskjet Ink Advantage 5645 All-in-One Printer
F.W. Version	1516A0151A1
Colour or B&W	Color
Temperature and humidity	Ambient
Voltage	120V
Test End Date and Time	05/08/2015 3:00PM 05/08/2015 3:00PM

	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	No
	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	HP Office Paper
Paper	Weight	80a
	Size	A4
	Paper type/name	HP Office Paper/ HP Everyday

Summary Reports

ISO/IEC 24734		FSOT (seconds)	ESAT (ipm)
Color	Single Sided	43	8
	Two Sided	73	4
B&W	Single Sided	33	12
	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 Onl  
 3) For Duplex B&W results, Black Ink Onl

FDIS ISO/IEC 29183		FCOT (seconds)	sESAT (ipm)
Color		25	5
	B&W	15	10

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

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)	47.34	5.07	5.89	6.78
		Word (# sets)	30.79		2	9
		Excel (# sets)	49.12			6.52
	Average	43			8	
	Two Sided	PDF (# sets)	89.24	2.68	2.87	3.10
		Word (# sets)	57.94			4.98
Excel (# sets)		71.75			3.92	
Average	73			4		
B&W	Single Sided	PDF (# sets)	34.61	6.93	9.06	10.70
		Word (# sets)	27.58		3	14
		Excel (# sets)	33.98			11.29
	Average	33			12	
	Two Sided	PDF (# sets)	76.34	3.14	3.38	3.70
		Word (# sets)	55.95			5.28
Excel (# sets)		63.96			4.43	
Average	66			4		

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 2) For Simplex B&W results, Black Ink Onl  
 3) For Duplex B&W results, Black Ink Onl

FDIS ISO/IEC 29183		FCOT (sec)	sEFTP (ipm)			sESAT (ipm)
			1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	
Color	Page 1 (# copies)	28.58	2.25	4.65	5.84	6.29
	Page 2 (# copies)	26.66	2.25	6.73	5	9.98
	Page 3 (# copies)	26.36	2.27	4.58	7	6.15
	Page 4 (# copies)	26.33	2.27	3.75	5	4.61
	Average (# copies)	26	2	4	5	5
	Black	Page 1 (# copies)	15.63	3.83	8.10	9.48
Page 2 (# copies)	14.83	4.04	9.91	7	12.85	
Page 3 (# copies)	14.54	4.12	8.64	8	10.34	
Page 4 (# copies)	15.12	3.96	8.08	8	9.73	
Average (# copies)	15	3	8	9	10	

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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	Office Category files, hard drive