

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

Full Detailed Test Reports  
 HP Deskjet 2050A All-in-One J510g

Printing device and test settings	
Test Start Date and Time	8 March 2011/ 3:18 March 2011/ 3:15pm
Tester	Karnasiah
Machine product number	LF10g
Machine name/model	HP Deskjet 2050A All-in-One
FW Version	SLM2FN103AR
Colour or B&W	Color
Temperature and humidity	24 degrees C, 60%
Voltage	240 volts AC
Test End Date and Time	11 March 2011/ 1:11 March 2011/ 10:45am

Modes and Settings	Item	Value
Modes and Settings	Driver version	DJ2050_J510_231
	Media / Quality Setting	Default / Default
	Simplex B&W settings	Driver was set to "print in grayscale, black ink only"
	Duplex B&W settings	N.A.
Settings	Setting N set count	Application
	Collating function	No
	Paper sending direction	Default
	Paper size setting	Default
Paper Path	Paper feeding	Standard cassette
	Paper exit	Standard exit tray
	Output orientation	Default (face up)
	Duplexing ADF Unit	No
Paper	Duplexing Print Unit	No
	Paper Manufactures	HP
	Weight	22lb
	Size	8.5 x 11"
Paper type/name		HP All-in-One Colorok

Summary Reports			
ISO/IEC 24734		FSOT (seconds)	ESAT (ipm)
Color	Single Sided	72	4
	Two Sided	N/A	N/A
B&W	Single Sided	51	5.5
	Two Sided	N/A	N/A

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute  
 2) For Simplex B&W results, Driver was set to "print in grayscale, black ink only"  
 3) For Duplex B&W results, N.A.

FDIS ISO/IEC 29183			
		FCOT (seconds)	ESAT (ipm)
Color	Color	30	2.5
	B&W	18	4.5

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

Full Reports

ISO/IEC 24734		Office Category	EFTP (ipm)				sESAT (ipm)
		FSOT (sec)	1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes		
Color	Single Sided	PDF (# sets)	84.82	2.82	2.90	2.96	3.04
		Word (# sets)	43.12	5.56	5.98	2	6.70
		Excel (# sets)	87.01	2.75	2.86	2	3.00
	Average		72	3	3	2	4
	Two Sided	PDF (# sets)	N/A	N/A	N/A		N/A
		Word (# sets)	N/A	N/A	N/A		N/A
Excel (# sets)		N/A	N/A	N/A		N/A	
Average		N/A	N/A	N/A		N/A	
B&W	Single Sided	PDF (# sets)	57.43	4.17	4.40	4.59	4.81
		Word (# sets)	37.98	6.32	7.14	3	7.76
		Excel (# sets)	57.33	4.18	4.37	2	4.69
	Average		51	4	5	4	5.5
	Two Sided	PDF (# sets)	N/A	N/A	N/A		N/A
		Word (# sets)	N/A	N/A	N/A		N/A
Excel (# sets)		N/A	N/A	N/A		N/A	
Average		N/A	N/A	N/A		N/A	

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute  
 2) For Simplex B&W results, Driver was set to "print in grayscale, black ink only"  
 3) For Duplex B&W results, N.A.

FDIS ISO/IEC 29183		FCOT (sec)	sEFTP (ipm)			sESAT (ipm)
			1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	
Color	Page 1 (# copies)	30.38	1.97	2.41	2.66	2.80
	Page 2 (# copies)	22.45	2.67	4.46	3	5.58
	Page 3 (# copies)	31.21	1.92	2.66	3	3.42
	Page 4 (# copies)	36.16	1.65	1.64	3	1.76
	Average	30	2	2	2	2.5
Black	Page 1 (# copies)	16.90	3.55	4.03	N/A	4.38
	Page 2 (# copies)	11.59	5.17	6.12	4	6.88
	Page 3 (# copies)	15.43	3.88	4.42	5	4.81
	Page 4 (# copies)	20.88	2.87	3.13	4	3.32
	Average	18	3	4	N/A	4.5

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

Test system parameters

	Item	Value
Test System	Computer	HP dv9812us Notebook PC
	Processor	AMD Turion TL-60 2.0 GHz, 1 MB L2 cache
	System Chip Set	Northernbridge/Southbridge: nVidia MCP67M
	System Board	Standard system devices, default system BIOS
	System Memory	3GB PC2-5300 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
I/O	USB	USB 2.0
	Software	
Software	Operating System	Microsoft Windows Vista Home Premium SP1
	Printing Applications	Microsoft Office Word 2007
		Microsoft Office Excel 2007
		Adobe Reader 8.1.0
	Test Files and location	Office Category files, hard drive