

ISO/IEC 24734 Printing Productivity Report: Office Category  
 ISO/IEC 24735 Copying Productivity Report  
 ISO/IEC 24735 Annex D Report  
 Full Detailed Test Reports  
 HP Deskjet 1050 J410 series

Printing device and test settings

Test Start Date and Time	11 Feb 2010, 10a
Tester	High Rice
Machine product number	J410a
Machine name/model	HP Deskjet 1050
FW version	93.MFRN1006AP
Colour or B&W	Color
Temperature and humidity	Office Ambient, 25C, 50%
Voltage	110VAC, USA standard
Test End Date and Time	11 Feb 2010, 5pm

Item	Value
Driver version	Kernix 771
Media / Quality Setting	Default / Default
Simplex B&W settings	Black ink only
Duplex B&W settings	not applicable
Setting N set count	Application
Collating function	On
Paper sending direction	Default
Paper size setting	Default
Paper feeding	Standard cassettes
Paper exit	Standard exit tray
Output orientation	Default (face up)
Duplexing ADF line	No
Duplexing Print Line	No
Paper Manufacturer	HP
Weight	20g
Size	8 x 11"
Paper type/name	HP Multipurpose Color Ink

Summary Reports

ISO/IEC 24734	FSOT (seconds)	ESAT (ipm)
Color	72	4
Two Sided	N/A	N/A
B&W	50	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, Black ink only  
 3) For Duplex B&W results, not applicable

ISO/IEC 24735 Annex D	FCOT (seconds)	Continuous Copy Speed (cpm)
Color	30	2.5
B&W	18	4.5

Notes: 1) cpm = Copies Per Minute and is equivalent to ppm or Pages Per Minute  
 2) B&W results are limited to a maximum of 6ppm for Belgium

ISO/IEC 24735	FSOT (seconds)	ESAT (ipm)
Color	1.1	N/A
1.2	N/A	N/A
2.2	N/A	N/A
B&W	1.1	N/A
1.2	N/A	N/A
2.2	N/A	N/A

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

Full Reports

ISO/IEC 24734	Office Category Test Files	FSOT (sec)	EFTP (ppm)			ESAT (ipm)	
			1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes		
Color	Single Sided	PDF (# sets)	84.76	2.83	2.90	2.96	3.04
		Word (# sets)	41.46	5.78	6.10	2	6.63
		Excel (# sets)	87.26	2.75	2.83	2	2.96
	Average	72	3	3	2	4	
	Two Sided	PDF (# sets)	N/A	N/A	N/A	N/A	N/A
		Word (# sets)	N/A	N/A	N/A	N/A	N/A
Excel (# sets)		N/A	N/A	N/A	N/A	N/A	
Average	N/A	N/A	N/A	N/A	N/A		
B&W	Single Sided	PDF (# sets)	66.24	4.28	4.44	4.58	4.75
		Word (# sets)	35.87	6.69	7.14	2	7.81
		Excel (# sets)	67.64	4.16	4.33	2	4.63
	Average	50	5	5	2	5.5	
	Two Sided	PDF (# sets)	N/A	N/A	N/A	N/A	N/A
		Word (# sets)	N/A	N/A	N/A	N/A	N/A
Excel (# sets)		N/A	N/A	N/A	N/A	N/A	
Average	N/A	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, Black ink only  
 3) For Duplex B&W results, not applicable

ISO/IEC 24735	Office Category Test Files	FSOT (sec)	EFTP (ppm)			ESAT (ipm)
			1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes	
Color	1.1 (# sets)	N/A	N/A	N/A	N/A	N/A
	1.2 (# sets)	N/A	N/A	N/A	N/A	N/A
	2.2 (# sets)	N/A	N/A	N/A	N/A	N/A
	Average	N/A	N/A	N/A	N/A	N/A
B&W	1.1 (# sets)	N/A	N/A	N/A	N/A	N/A
	1.2 (# sets)	N/A	N/A	N/A	N/A	N/A
	2.2 (# sets)	N/A	N/A	N/A	N/A	N/A
	Average	N/A	N/A	N/A	N/A	N/A

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

Test system parameters

Item	Value
Computer	HP dv8712us Notebook PC
Processor	AMD Turion TL40 2.0 GHz, 1 MB L2 cache
System Chip Set	Northbridge/Southbridge: nVidia MCP7M
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/Hitachi-Packard, DVD+RW and CD-RW
IO subsystem	Built in
USB subsystem	USB 2.0
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