

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

Full Detailed Test Reports
 HP Deskjet 3520 e-All-in-One Printer

Printing device and test settings	
Test Start Date and Time	28 Feb 2012 1:00:28 Feb 2012 1:00pm
Tester	Salah
Machine product number	
Machine name/model	HP Deskjet 3520 e-All-in-One Printer
FW Version	STM1FN12088R
Colour or B&W	Color
Temperature and humidity	23C, 50%
Voltage	115 VAC
Test End Date and Time	1 March 2012 12:11 March 2012 12:00pm

Modes and Settings	Item	Value
Modes and Settings	Driver version	DJ3520_848
	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.
Paper Path	Setting N set count	Application
	Collating function	No
	Paper sending direction	Default
	Paper size setting	Default
Paper	Paper feeding	Standard cassette
	Paper tray	Standard exit tray
	Output orientation	Default (face up)
	Duplexing ADF Unit	No
	Duplexing Print Unit	Yes
	Paper Manufacturer	HP
Paper	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	42	7.5
	Two Sided	63	4
B&W	Single Sided	39	8
	Two Sided	60	4

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)	sESAT (ipm)
Color		20	5.5
B&W		15	6.5

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	EFTP (ipm)				
			FSOT (sec)	1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes	sESAT (ipm)
Color	Single Sided	PDF (# sets)	45.58	5.26	5.81	6.34	6.29
		Word (# sets)	30.10	7.97	9.78	3	10.70
		Excel (# sets)	48.21	4.97	5.55	2	5.99
	Average		42	6	7	6	7.5
	Two Sided	PDF (# sets)	67.85	3.53	3.65	2	3.81
		Word (# sets)	52.40	4.58	4.76	3	4.91
Excel (# sets)		68.52	3.50	3.61	2	3.75	
Average		63	3	4	2	4	
B&W	Single Sided	PDF (# sets)	43.22	5.55	6.16	6.89	6.71
		Word (# sets)	28.76	8.34	10.07	3	11.08
		Excel (# sets)	43.38	5.53	6.13	2	6.70
	Average		39	6	7	6	8
	Two Sided	PDF (# sets)	65.70	3.65	3.80	2	3.94
		Word (# sets)	47.42	5.06	5.34	2	5.49
Excel (# sets)		64.11	3.74	3.88	2	4.01	
Average		60	4	4	2	4	

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)	18.75	3.20	5.15	6.07	6.16
	Page 2 (# copies)	18.79	3.19	7.00	5	9.06
	Page 3 (# copies)	18.83	3.18	5.27	5	6.29
	Page 4 (# copies)	20.20	2.97	2.95	5	2.91
	Average (# copies)	20	3	4	5	5.5
Black	Page 1 (# copies)	14.49	4.14	5.96	6.44	6.60
	Page 2 (# copies)	11.61	5.16	8.66	6	9.79
	Page 3 (# copies)	14.06	4.26	6.36	5	7.05
	Page 4 (# copies)	17.76	3.38	4.53	5	4.87
	Average (# copies)	15	4	6	6	6.5

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute
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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	Northbridge/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	Printer Connection	USB 2.0
	Operating System	Microsoft Windows Vista Home Premium SP1
Software	Printing Applications	Microsoft Office Word 2007
		Microsoft Office Excel 2007
		Adobe Reader 8.1.0
	Test Files and location	Office Category files, hard drive