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 Photosmart Ink Adv AiO K510a

Printing device and test settings

Test Start Date and Time	29/7/10 - 3.00pm 29/7/10 - 3.00pm
Tester	Kamsainah
Machine product number	K510a
Machine name/model	HP Photosmart Ink Adv AiO
FW Version	KAM1FN1028AR
Colour or B&W	Color
Temperature and humidity	24 degrees C, 60%
Voltage	240 volts AC
Test End Date and Time	2/8/10 - 5.30pm 2/8/10 - 5.30pm

	Item	Value
Modes and Settings	Driver version	70.101.902.0
	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.
	Setting N set count	Application
	Collating function	On
Paper Path	Paper sending direction	Default
	Paper size setting	Default
	Paper feeding	Standard cassette
	Paper exit	Standard exit tray
	Output orientation	Default (face up)
	Duplexing ADF Unit	No
	Duplexing Print Unit	No
Paper	Paper Manufacturer	HP
	Weight	22lb
	Size	8.5 x 11"
	Paper type/name	HP All-in-One Colorlok

Summary Reports

ISO/IEC 24734		FSOT (seconds)	ESAT (ipm)
Color	Single Sided	66	4
	Two Sided	N/A	N/A
B&W	Single Sided	48	6
	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.

ISO/IEC 24735 Annex D		FCOT (seconds)	Continuous Copy Speed (cpm)
	Color	25	3
	B&W	18	5

Notes: 1) cpm = Copies Per Minute and is equivalent to ppm or Pages Per Minute

ISO/IEC 24735		FSOT (seconds)	ESAT (ipm)
Color	1:1	N/A	N/A
	1:2	N/A	N/A
	2:2	N/A	N/A
B&W	1:1	N/A	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 (ipm)			ESAT (ipm)
				1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes	
Color	Single Sided	PDF (# sets)	77.20	3.10	3.24 2	3.35 5	3.44
		Word (# sets)	39.99	6.00	6.76 3		7.24
		Excel (# sets)	78.81	3.04	3.18 2		3.34
		Average	66	4	4	3	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)	52.73	4.55	4.88 2	5.19 7	5.31
		Word (# sets)	35.75	6.71	7.72 3		8.37
		Excel (# sets)	53.97	4.44	4.76 2		5.16
		Average	48	5	5	5	6
	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.

ISO/IEC 24735		Office Category Test Files	FSOT (sec)	EFTP (ipm)			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
	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

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	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
	I/O subsystem	Built in
	USB subsystem	USB 2.0
I/O	USB	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