

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 AIO D110 Series

Printing device and test settings

Test Start Date and Time	12/22/09 8:30:00 AM
Tester	Kamsamah
Machine product number	D110a
Machine name/model	HP Photosmart AIO
FW Version	TULFN9951AR
Colour or B&W	Colour printing device
Temperature and humidity	24 degrees C, 60%
Voltage	240 volts AC
Test End Date and Time	12/22/09 5:30:00 PM

Item	Value
Modes and Settings	Driver version: 70.101.9.0
Media / Quality Settings	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
Collation function	On
Paper Path	Paper sending direction: Default
Paper size setting	Default
Paper feeder	Standard cassette
Paper exit	Standard exit tray
Output orientation	Default (face up)
Duplicating ADF Unit	No
Duplexing Print Unit	No
Paper	Paper Manufacturer: HP
Weight	72lb
Size	8.5 x 11"
Paper type/name	HP All-in-One Colorlok

Summary Reports

ISO/IEC 24734		FSOT (seconds)	ESAT (µm)
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) ppm = 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 (gpm)
Color		26	3
	Black	18	5

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

ISO/IEC 24735		FSOT (seconds)	ESAT (µm)
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) gpm = 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 (µm)	
			1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes		
Color	Single Sided	PDF (# sets)	77.61	3.09	3.23	3.33	3.41
		Word (# sets)	40.26	5.96	6.75	3	7.20
		Excel (# sets)	78.93	3.04	3.18	2	3.36
	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)	52.71	4.55	4.86	2	3.70
		Word (# sets)	36.07	6.65	7.72	3	8.38
		Excel (# sets)	54.13	4.43	4.76	2	5.17
	Average	48	5	5	3	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) ppm = 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 (ppm)			ESAT (µm)
			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) ppm = Images Per Minute and is equivalent to ppm or Pages Per Minute
2) For device and test settings see Full Detailed Report

Test system parameters

Item	Value
Computer	HP dv8812us 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
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