

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

Full Detailed Test Reports
HP Officejet Pro 251dw Printer CV136A

Printing device and test settings

Test Start Date and Time	10/22/12	12:00:00 AM
Tester	Karen Ting	
Machine product number	CV136A	
Machine name/model	HP Officejet Pro 251dw Printer	
FW Version	FW1241CR	
Colour or B&W	Color	
Temperature and humidity	24 degrees C, 47%	
Voltage	240 volts AC	
Test End Date and Time	11/07/12	12:00:00 AM

Modes and Settings	Item	Value
Modes and Settings	Driver version	61.135.04.14143
	Media / Quality Setting	Default / Default
	Simplex B&W settings	Print in grayscale
	Duplex B&W settings	Print in grayscale
Paper Path	Setting N set count	Application
	Collating function	On, For MS Excel 2003, enable collate in driver.
	Paper sending direction	Default
	Paper size setting	Default
Paper	Paper feeding	Standard cassette
	Paper exit	Standard exit tray
	Output orientation	Default (face up)
	Duplexing ADF Unit	No
	Duplexing Print Unit	Yes
	Paper Manufacturer	HP
Paper	Weight	80gsm
	Size	A4
	Paper type/name	HP Everyday Paper Colorlok

Summary Reports

ISO/IEC 24734		FSOT (seconds)	ESAT (ipm)
Color	Single Sided	25	15
	Two Sided	42	6
B&W	Single Sided	21	20
	Two Sided	39	7

Notes: 1) ipm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) For Simplex B&W results, Print in grayscale
 3) For Duplex B&W results, Print in grayscale
 4) Scale content for A4 pt 8.5x11 paper sizes set to off for Word and Excel

FDIS ISO/IEC 29183		FCOT (seconds)	sESAT (ipm)
Color		N/A	N/A
B&W		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	FSOT (sec)	EFTP (ipm)			sESAT (ipm)	
			1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes		
Color	Single Sided	PDF (# sets)	27.38	8.76	11.23	12.73	13.17
		Word (# sets)	21.03				19.52
		Excel (# sets)	26.56				13.26
	Average	25				15	
	Two Sided	PDF (# sets)	43.53	5.51	5.93		6.36
		Word (# sets)	38.04				7.57
Excel (# sets)		43.59				6.20	
Average	42				6		
B&W	Single Sided	PDF (# sets)	21.49	11.17	16.13	17.40	19.07
		Word (# sets)	19.46				23.97
		Excel (# sets)	21.81				18.16
	Average	21				20	
	Two Sided	PDF (# sets)	40.19	5.97	6.49		7.11
		Word (# sets)	35.21				8.76
Excel (# sets)		39.35				7.39	
Average	39				7		

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 3) For Duplex B&W results, Print in grayscale
 4) Scale content for A4 pt 8.5x11 paper sizes set to off for Word and Excel

FDIS ISO/IEC 29183

	Page	FCOT (sec)	sEFTP (ipm)			sESAT (ipm)
			1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	
Color	Page 1 (# copies)	N/A	N/A	N/A	N/A	N/A
	Page 2 (# copies)	N/A	N/A	N/A		N/A
	Page 3 (# copies)	N/A	N/A	N/A		N/A
	Page 4 (# copies)	N/A	N/A	N/A		N/A
	Average (# copies)	N/A	N/A	N/A		N/A
Black	Page 1 (# copies)	N/A	N/A	N/A	N/A	N/A
	Page 2 (# copies)	N/A	N/A	N/A		N/A
	Page 3 (# copies)	N/A	N/A	N/A		N/A
	Page 4 (# copies)	N/A	N/A	N/A		N/A
	Average (# copies)	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 Workstation xw4200
	Processor	Intel® Pentium 4 Processor with Hyper-Threading, 3.40 GHz, 1 MB / 800 MHz FSB
	System Chip Set	Intel® SX Express
	System Board	Standard system devices, default system BIOS
	System Memory	2 x 512 MB RAM, MTI Brand-DDR2 533, CL4, ECC
	Hard Drive subsystem	Mentor 6Y0M080, 148GB
	Video subsystem	ATI Technologies INC, FireGL V3100, 128MB
	Optical Drive	Hewlett-Packard, DVD Writer 400C
	IO subsystem	Microsoft Natural PS2 keyboard, PS2 compatible mouse
	I/O	USB subsystem
USB		USB 2.0
Software	Operating System	Microsoft Windows Professional XP SP2
	Printing Applications	Microsoft Office Word 2003
		Microsoft Office Excel 2003
		Adobe Reader 6.0
Test Files and location	Office Category files, hard drive	