

ISO/IEC 24734 Printing Productivity Report: Office Category
 ISO/IEC 29183 Copying Productivity Report
 ISO/IEC 17629 First Page Out Time Report

Full Detailed Test Reports
 HP PageWide p77760z series

Printing device and test settings	
Test Start Date and Time	11/01/17 1:39:00 PM
Tester	Michelle Hovos
Machine product number	811033A
Machine name/model	HP PageWide p77760z
FW Version	LMCFWPP1N004.1743A.00
Colour or B&W	Color
Temperature and humidity	73.2 23RH
Volume	170
Test End Date and Time	11/08/17 4:43:00 PM

Item	Value
Modes and Settings	Driver version: R24-44.1.2675
	Media / Quality Settings: Standard
	Simplex (B&W) settings: Black Ink Only
	Duplex (B&W) settings: Black Ink Only
	Settings by test count: Application
	Collating function: Enabled
Paper Path	Paper sensing direction: Default
	Paper size setting: Default
	Paper feeding: Standard cassette
	Paper exit: Standard exit tray
	Output orientation: Face Down, Landscape
	Duplicating ADF Unit: Yes
	Duplicating Print Unit: Yes
Paper	Paper Manufacturer: Primc. Hewlett Packard. Copy. Hewlett Packard
	Weight: Primc. 76lb/35.0gsm
	Size: Primc. 8.5x11 Copy. 8.5x11
	Paper type/name: Primc. HP Multipurpose Ultra White. Copy. HP Multipurpose Ultra White

Summary Reports

ISO/IEC 24734	FSOT (seconds)	ESAT (lpm)
Color	Simplex Sided	60
	Two Sided	40
B&W	Simplex Sided	60
	Two Sided	40

Notes: 1) lpm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) For Duplex B&W results, Black Ink Only
 3) For Duplex B&W results, Black Ink Only
 4) Scale content for A4 for 8.5x11 paper sizes set to off for Word and Excel

#DIS ISO/IEC 29183	FCOT (seconds)	sESAT (lpm)
Color	6.5	60
B&W	6.5	60

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

ISO/IEC 17629	FPOT From Ready (sec)
Color	Simplex
B&W	Simplex

Notes: 1) For B&W results, Black Ink Only

Full Reports

ISO/IEC 24734	Office Category	FSOT (sec)	eFTP (lpm)				sESAT (lpm)
			1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	1 Set + 4 Minutes	
Color	Single Sided	PDF	12.00	21.00	50.00	50.00	60.00
		Word	12.00	21.00	50.00	50.00	60.00
		Excel	14.00	21.00	50.00	50.00	60.00
		Average	13	21.00	50.00	50.00	60
		PDF	17.00	15.00	31.00	31.00	41.10
	Two Sided	Word	17.00	15.00	31.00	31.00	41.10
		Excel	19.00	15.00	31.00	31.00	41.10
		Average	18	15.00	31.00	31.00	40
		PDF	12.00	21.00	50.00	50.00	60.00
		Word	12.00	21.00	50.00	50.00	60.00
B&W	Single Sided	Excel	14.00	21.00	50.00	50.00	60.00
		Average	13	21.00	50.00	50.00	60
		PDF	17.00	14.00	31.00	31.00	41.10
		Word	16.00	14.00	31.00	31.00	41.10
		Excel	19.00	14.00	31.00	31.00	41.10
	Two Sided	Average	18	14.00	31.00	31.00	40
		PDF	12.00	21.00	50.00	50.00	60.00
		Word	12.00	21.00	50.00	50.00	60.00
		Excel	14.00	21.00	50.00	50.00	60.00
		Average	13	21.00	50.00	50.00	60

Notes: 1) lpm = Images Per Minute and is equivalent to ppm or Pages Per Minute
 2) For Duplex B&W results, Black Ink Only
 3) For Duplex B&W results, Black Ink Only
 4) Scale content for A4 for 8.5x11 paper sizes set to off for Word and Excel

#DIS ISO/IEC 29183	FCOT (sec)	eFTP (lpm)			sESAT (lpm)
		1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	
Color	Page 1 (# copies)	5.40	11.00	51.00	50.00
	Page 2 (# copies)	5.50	11.00	51.00	50.00
	Page 3 (# copies)	5.40	11.00	51.00	50.00
	Page 4 (# copies)	5.50	11.00	51.00	50.00
	Average	5.5	11	51	50
Black	Page 1 (# copies)	5.30	11.00	51.00	50.00
	Page 2 (# copies)	5.30	11.00	51.00	50.00
	Page 3 (# copies)	5.30	11.00	51.00	50.00
	Page 4 (# copies)	5.30	11.00	51.00	50.00
	Average	5.3	11	51	50

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

ISO/IEC 17629	FPOT from Ready (sec)	FPOT from Sleep (sec)	Recovery Time (sec)	
Color Simplex	PDF	6.30	18.20	10.00
	Word	6.30	18.20	10.00
	Excel	6.50	18.20	10.00
	Average	7.00	18.20	10.00
	Delay Time	30 sec	180 min	
B&W Simplex	PDF	6.30	18.20	10.00
	Word	6.30	18.20	10.00
	Excel	6.50	18.20	10.00
	Average	7.00	18.20	10.00
	Delay Time	30 sec	180 min	

Notes: 1) For B&W results, Black Ink Only
 2) FPOT from Sleep Average + FPOT from Ready Average + Recovery Time
 3) Scale content for A4 for 8.5x11 paper sizes set to off for Word and Excel

Test system parameters

Item	Value
Test System	Processor: HP Compaq Elite 8200 Small Form Factor PC (Intel Core i7-3770 Quad Core (3.40 GHz, 8 MB cache))
	System Chip Set: Intel(R) Q77 Express Chipset
	System Board: Standard system boards, default system BIOS
	System Memory: 4 GB (1x4 GB) DDR3 1600 MHz
	Hard drive subsystem: 1 TB Toshiba 4.5" 9.5mm SATA
	Video subsystem: AMD Radeon HD 6350
	Optical Drive: HP DVD A DH196C-SHR ATA
	FD subsystem: Built-in
	USB subsystem: USB 2.0/3.0
IO	Printer Connection: USB
Software	Operating System: Microsoft Windows 7 Professional 64-bit SP1
	Printing Applications: Microsoft Office Pro Plus Word 2010 32-bit SP1
	Microsoft Office Pro Plus Excel 2010 32-bit SP1
	Adobe Reader X 10.1.2
	Test Files and location: Office Category files, hard drive