

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 OfficeJet Pro 6960 All-in-One Printer

Printing device and test settings	
Test Start Date and Time	12/27/15 12:00:00 AM
Tester	Karen Ting
Machine product number	17K33A
Machine name/model	HP OfficeJet Pro 6960 All-in-One Printer
FW Version	mp2cstest mp2 MCMZCN1561AR
Colour or B&W	Color
Temperature and humidity	24 degrees C, 47%
Printer	HP OfficeJet Pro 6960 All-in-One Printer
Test End Date and Time	01/05/16 12:00:00 AM

Item	Value
Mode	Print Webpage-39 x 2 1000-CUR600 Full Webpage
and	
Settings	Media / Quality Settings All Normal
	Simplex B&W settings Black Ink Only
	Duplex B&W settings Black Ink Only
	Settings by test count Application
Paper Path	Collating function On
	Paper sensing direction Default
	Paper size setting Default
	Paper feeding Standard cassette
	Paper exit Standard exit tray
	Output orientation Face up
Paper	Duplicating ADF Unit Yes
	Duplicating Print Unit Yes
	Paper Manufacturer HP
	Weight 80 gsm
	Size A4
	Paper type/name HP Everyday

Summary Reports

ISO/IEC 24734	FSOT (seconds)	ESAT (img)
Color	36	10
	Two Sided	45
B&W	39	18
	Two Sided	33

Notes: 1) gsm = Images Per Minute and is equivalent to ppm or Pages Per Minute  
 2) For Simplex B&W results, Black Ink Only  
 3) For Duplex B&W results, Black Ink Only  
 4) Scale correct for A4 for 3.5x11 paper sizes set to off for Word and Excel

FDIS ISO/IEC 29183	FCOT (seconds)	sESAT (img)
Color	7	1
B&W	22	13

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

ISO/IEC 17629	FPOT From Ready (sec)
Color	15
B&W	12

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

Full Reports

ISO/IEC 24734	Office Category	FSOT (sec)	eFTP (gpm)			sESAT (img)
			1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes	
Color	Single Sided	PDF	38.00	6.00	7.00	8.00
		Word	34.00	5.00	7.00	14.50
		Excel	38.00	5.00	7.00	9.00
	Two Sided	Average	34	4.00	5.00	18
		PDF	40.00	4.00	5.00	5.50
		Word	32.00	4.00	5.00	9.50
B&W	Single Sided	Excel	62.00	1.00	1.00	NR/FP1
		Average	45	1.00	1.00	6
		PDF	22.00	7.00	8.00	17.50
	Two Sided	Word	19.00	11.00	10.00	21.30
		Excel	24.00	8.00	8.00	18.00
		Average	22	7.00	8.00	18
Two Sided	PDF	33.00	7.00	8.00	9.60	
	Word	28.00	7.00	8.00	12.10	
	Excel	37.00	7.00	8.00	9.10	
	Average	33	7.00	8.00	9	

Notes: 1) gsm = Images Per Minute and is equivalent to ppm or Pages Per Minute  
 2) For Simplex B&W results, Black Ink Only  
 3) For Duplex B&W results, Black Ink Only  
 4) Scale correct for A4 for 3.5x11 paper sizes set to off for Word and Excel

FDIS ISO/IEC 29183	FCOT (sec)	eFTP (gpm)			sESAT (img)
		1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	
Color	Page 1	21.30	2.00	8.00	7.50
	Page 2	21.40	2.00	8.00	11.40
	Page 3	21.30	2.00	8.00	8.70
	Page 4	22.20	2.00	8.00	5.30
	Average	22	2.00	8.00	7
	Black	Page 1	12.70	4.00	11.00
Page 2	12.30	4.00	14.00	17.10	
Page 3	12.50	4.00	12.00	14.70	
Page 4	14.40	4.00	8.00	10.00	
	Average	14	4.00	11	13

Notes: 1) gsm = 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	15.30	1.70
	Word	12.30	1.70
	Excel	15.00	1.70
	Average	15.00	1.70
B&W Simplex	PDF	11.00	2.00
	Word	10.50	2.00
	Excel	12.30	2.00
	Average	12.00	2.00

Notes: 1) For B&W results, Black Ink Only  
 2) Scale correct for A4 for 3.5x11 paper sizes set to off for Word and Excel

Test system parameters

Item	Value
Computer	HP Compaq Elite 8300 Small Form Factor PC
Processor	Intel Core i7-3770 Quad Core (3.40 GHz, 8 MB cache)
System Chip Set	Intel(R) Q77 Express Chipset
System Board	Standard system board, default system BIOS
System Memory	4 GB (1x4 GB) DDR3 1600 MHz
Hard drive subsystem	Hitachi 1TB 5400 RPM 7MM SATA
Video subsystem	AMD Radeon HD 6350
Optical Drive	HP DVD-RAM
CD subsystem	None
USB subsystem	USB 2.0/3.0
IO	Printer Controller
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