

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 Deskjet Ink Advantage 4276 series

Printing device and test settings	
Test Start Date and Time	10/23/23 2:51:44 PM
Tester	Alyssa Vaughan
Machine product number	80K49C
Machine name/model	HP Deskjet Ink Advantage 4276
FW Version	AP1CN2333AR
Colour or B&W	Color
Temperature and humidity	10 °F 51%
Voltage	120 Volt AC
Test End Date and Time	11/01/23 2:51:44 PM

Item	Value
Driver version	58.0.1352.014200
Media / Quality Setting	Plain Normal
Simplex B&W settings	Black Ink Only
Duplex B&W settings	Black Ink Only
Setting N set count	Application
Collation function	Collation On
Paper Path	Paper sending direction: Default
	Paper size setting: Default
	Paper feeding: Standard cassette
	Paper exit: Standard exit tray
	Output orientation: Face up, Portrait
	Duplexing ADF Unit: No
Paper	Duplexing Print Unit: No
	Paper Manufacturer: Print: HP Copy: HP
	Weight: Print: 80 gsm Copy: 80 gsm
	Size: Print: A4 Copy: A4
	Paper type/name: Print: HP Office Copy: 80 gsm

Summary Reports		
ISO/IEC 24734	FSOT (seconds)	sESAT (gpm)
Color	Single Sided: 33	5.5
	Two Sided: N/A	N/A
B&W	Single Sided: 34	8.5
	Two Sided: N/A	N/A

Notes: 1) gpm = Images Per Minute and is equivalent to gpm or Pages Per Minute or gpm or Copies Per Minute  
 2) For Simplex B&W results, Black Ink Only  
 3) For Duplex B&W results, Black Ink Only

FDIS ISO/IEC 29183		
Color	FCOT (seconds)	sESAT (gpm)
B&W	15	6

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

ISO/IEC 17629		
Color	Simplex	FPOT From Ready (sec)
B&W	Simplex	13

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

Full Reports						
ISO/IEC 24734		Office Category	FSOT (sec)	EFTP (gpm)		sESAT (gpm)
				1 Set	1 Set+ 30 seconds	1 Set+ 4 Minutes
Color	Single Sided	PDF (# sets)	61.00	3.00	4.00	4.30
		Word (# sets)	33.00	1	2	8.80
		Excel (# sets)	64.00			4.00
		Average	33			5.5
		PDF (# sets)	N/A	N/A	N/A	N/A
		Word (# sets)	N/A			N/A
B&W	Single Sided	PDF (# sets)	N/A			N/A
		Word (# sets)	N/A			N/A
		Excel (# sets)	N/A			N/A
		Average	N/A			N/A
		PDF (# sets)	36.00	6.00	7.00	7.70
		Word (# sets)	28.00			10.90
B&W	Two Sided	PDF (# sets)	36.00			7.80
		Word (# sets)	38.00			8.5
		Excel (# sets)	N/A			N/A
		Average	34			8.5
		PDF (# sets)	N/A	N/A		N/A
		Word (# sets)	N/A			N/A

Notes: 1) gpm = Images Per Minute and is equivalent to gpm or Pages Per Minute or gpm or Copies Per Minute  
 2) For Simplex B&W results, Black Ink Only  
 3) For Duplex B&W results, Black Ink Only

FDIS ISO/IEC 29183						
		FCOT (sec)	1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	sESAT (gpm)
Color	Page 1 (# copies)	24.80	2.00	2.00	N/A	3.10
	Page 2 (# copies)	18.30	3.00	3.00		4.30
	Page 3 (# copies)	20.40	2.00	3.00		3.70
	Page 4 (# copies)	26.60	2.00	2.00		2.60
	Average (# copies)	24	1	3		3
Black	Page 1 (# copies)	14.40	4.00	5.00		6.50
	Page 2 (# copies)	11.90	5.00	7.00		6.70
	Page 3 (# copies)	13.60	4.00	6.00		6.80
	Page 4 (# copies)	17.10	3.00	4.00		4.90
	Average (# copies)	15	4	6		6

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

ISO/IEC 17629			
Color Simplex	FPOT from Ready (sec)	FPOT from Sleep (sec)	Recovery Time (sec)
	PDF	17.50	3.00
	Word	12.30	20.50
	Excel	17.30	
	Average	16.90	
	Delay Time	50 sec	120 min
B&W Simplex	PDF	13.00	15.00
	Word	10.50	
	Excel	11.50	
	Average	13.00	
	Delay Time	50 sec	120 min

Notes: 1) For B&W results, Black Ink Only  
 2) FPOT from Sleep Average = FPOT from Ready Average + Recovery Time

Test system parameters		Item	Value
Test System	Computer	HP Elite 85 Notebook	
	Processor	Intel Core i5-4210U 1.70GHz	
	System Chip Set	Intel Chipset	
	System Board	725A	
	System Memory	8GB 1600MHz DDR3L	
	Hard Drive subsystem	HGST 7200R of storage	
	Video subsystem	Intel HD graphics	
	Optical Drive	HP DVDRW GUW0N	
	UD subsystem	Blackix	
	USB subsystem	USB 2.0/3.0	
IO	Printer Connection	USB 2.0	
Software	Operating System	Microsoft Windows 10 Enterprise	
	Printing Applications	Microsoft Office Word 2016 MSD 64-bit	
		Microsoft Office Excel 2016 64-bit	
	Test Files and location	Adobe Acrobat Reader DC Version 2018.009.20044 Office Category files, hard drive	