

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 Smart Tank 5101 All-in-One Printer series

Printing device and test settings	
Test Start Date and Time	05/01/22 12:00:00 AM
Tester	Ljuysses
Machine product number	HP 5101A
Machine name/model	HP Smart Tank 5101 All-in-One Printer
FW Version	22178
Colour or B&W	Color
Temperature and humidity	23.0, 55%
Tester	Ljuysses
Test End Date and Time	05/01/22 12:00:00 AM

Item	Value
Modes and Settings	
Driver version	37.8.1235
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	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
Duplicating ADF Unit	No
Duplicating Print Unit	No
Paper	
Paper Manufacturer	Print HP Copy HP
Weight	Print 80 gram Copy 80 gram
Size	Print A4 Copy A4
Paper type/name	Print HP Everyday Paper Copy HP Everyday Paper

Summary Reports

ISO/IEC 24734	FSOT (seconds)	ESAT (lpm)
Color	65	8
Two Sided	N/A	N/A
B&W	31	12
Two Sided	N/A	N/A

Notes: 1) lpm = 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 content for A4 for 8.5x11 paper sizes set to off for Word and Excel

#DIS ISO/IEC 29183	FCOT (seconds)	sESAT (lpm)
Color	4	10
B&W	4	10

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

ISO/IEC 17629	FPOT From Ready (sec)
Color	21
B&W	14

Notes: 1) For B&W results, black ink only

Full Reports

ISO/IEC 24734	Color Category	FCOT (sec)	eFTP (lpm)				sESAT (lpm)
			1 Set	1 Set + 30 seconds	1 Set + 4 Minutes	1 Set + 4 Minutes	
Color	Single Sided	PDF	77.00	3.00	3.00	3.00	3.70
		Word	35.00	3.00	3.00	3.00	9.40
		Excel	77.00	3.00	3.00	3.00	3.50
	Two Sided	Average	64	N/A	N/A	N/A	8
		PDF	N/A	N/A	N/A	N/A	N/A
		Word	N/A	N/A	N/A	N/A	N/A
B&W	Single Sided	PDF	28.00	7.00	7.00	7.00	11.30
		Word	25.00	7.00	7.00	7.00	14.90
		Excel	31.00	7.00	7.00	7.00	10.80
	Two Sided	Average	31	N/A	N/A	N/A	12
		PDF	N/A	N/A	N/A	N/A	N/A
		Word	N/A	N/A	N/A	N/A	N/A

Notes: 1) lpm = 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 content for A4 for 8.5x11 paper sizes set to off for Word and Excel

#DIS ISO/IEC 29183	Color	Page #	FCOT (sec)	eFTP (lpm)				sESAT (lpm)
				1 Copy	1 Copy + 30 seconds	1 Copy + 4 Minutes	1 Copy + 4 Minutes	
Color	Page 1	# copies	41.50	1.00	1.00	2.00	2.50	
		# copies	34.70	1.00	2.00	3	3.40	
		# copies	38.00	1.00	2.00	3	2.80	
		# copies	44.90	1.00	1.00	3	2.10	
		Average	41	1	1	3	2	
Black	Page 2	# copies	12.70	4.00	8.00	10.00	11.30	
		# copies	12.40	4.00	10.00	7	12.90	
		# copies	13.30	4.00	8.00	7	10.70	
		# copies	13.40	4.00	8.00	7	10.20	
		Average	14	4	8	10		

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

ISO/IEC 17629	FPOT from Ready (sec)	FPOT from Sleep (sec)	Recovery Time (sec)
Color Simplex	24.70	25.70	1.00
Word	15.00		
Excel	21.80		
Average	21.00		
Delay Time	50 sec	120 min	
B&W Simplex	13.80	14.80	1.00
Word	12.40		
Excel	12.80		
Average	14.00		
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
 3) Scale content for A4 for 8.5x11 paper sizes set to off for Word and Excel

Test system parameters

Item	Value
Computer	HP Elite 840 G4
Processor	Intel Core i5-4210U 1.70GHz
System Chip Set	Intel Chipset
System Board	Q26A
System Memory	8GB 1600MHz DDR3L
Hard drive subsystem	Intel PRO1000 10/100/1000
Video subsystem	Intel HD graphics
Optical Drive	HP DVD-RW GJ160N
HD subsystem	8TB 6
USB subsystem	USB 2.0/3.0
IO	Printer Connection
Software	Operating System: Microsoft Windows 10 Enterprise
Printing Applications	Microsoft Office Word 2016 MSO 64-bit
	Microsoft Office Excel 2016 64-bit
	Adobe Acrobat Reader DC Version 2016.009.20044
Test Files and location	Office Category files, hard drive