

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP LaserJet Pro 200 Color M251nw

Printing device and settings	
Test Start Date and Time	10/2/2012 15:02
Tester	KN
Machine name/model	HP LaserJet Pro 200 Color M251nw
Colour or B&W	Colour
FW Version	20120813_1904 Phoenix Firmware
Temperature and Humidity	75.1 degF / 23.9 degC, 30.2 %rH
Voltage	110V
Test End Date and Time	10/4/2012 17:18

Item	Value	
Mode and Setting	Driver Version	61.117.1.11493
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Grayscale set in driver
	Duplex B&W Settings	N/A
	Setting N set count	Application
Paper Path	Collating function	Activated (application)
	Paper Sending Direction	Default
	Paper Size Setting	Default
	Paper Feeding	Tray 2
	Paper Exit	Standard Exit Tray
	Output Orientation	Default (face down)
Paper	Duplexing Unit (Yes/No)	No
	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter/A4
	Paper type/name	HP Multipurpose Colorlok / Xerox Business 4200

Summary Report: Letter			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	32	14
	Duplex	N/A	N/A
B&W	Simplex	31	14
	Duplex	N/A	N/A

Notes
Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

Detailed Report: LETTER						
	Office Category Test	FSOT (secs)	EFTP (ipm)			ESAT (ipm)
		1 set only (1 set)	1 set only (1 set)	1 set + 30sec (# of sets)	1 set + 4min (# of sets)	1 set + 30sec
Defaults (Color for color device, B&W for monochrome device)	Simplex - Adobe Reader	31.93	7.51 (1 set)	11.47 (4 sets)	13.15 (17 sets)	14.03
	Simplex - Word	31.01	7.73 (1 set)	11.64 (4 sets)		14.03
	Simplex - Excel	30.68	7.82 (1 set)	11.69 (4 sets)		14.04
	Simplex - Average	32	7	11	13	14
	Duplex - Adobe Reader	N/A	N/A	N/A		N/A
	Duplex - Word	N/A	N/A	N/A		N/A
	Duplex - Excel	N/A	N/A	N/A		N/A
	Duplex - Average	N/A	N/A	N/A		N/A
B&W mode (optional for color device)	Simplex - Adobe Reader	31.33	7.66 (1 set)	11.57 (4 sets)	13.36 (17 sets)	14.03
	Simplex - Word	30.41	7.89 (1 set)	11.72 (4 sets)		14.03
	Simplex - Excel	30.20	7.94 (1 set)	11.78 (4 sets)		14.04
	Simplex - Average	31	7	11	13	14
	Duplex - Adobe Reader	N/A	N/A	N/A		N/A
	Duplex - Word	N/A	N/A	N/A		N/A
	Duplex - Excel	N/A	N/A	N/A		N/A
	Duplex - Average	N/A	N/A	N/A		N/A

Notes
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Test System Parameters	
Item	Value
Computer	HP XW8400 Workstation
Processor	Intel Xenon 2.66 GHz, X5355
System Chip Set	Intel 5000P
System Board	Standard system devices, default system BIOS
System Memory	4 GB
Hard Drive Subsystem	Standard disk drive (Seagate)
Video Subsystem	ATI FireGL V7200
Optical Drive	HP GSA-H60L SATA interface
I/O Subsystem	Builtin
USB Subsystem	USB 2.0
TCP/IP TCP/IP 10/100	
Operating System	Windows XP Professional, SP 3
Printing Applications	Microsoft Office Word 2003
	Microsoft Office Excel 2003
	Adobe Reader 8.0
Test files and location	Office category files, hard drive

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - A4

HP LaserJet Pro 200 Color M251nw

Printing device and settings	
Test Start Date and Time	10/2/2012 15:02
Tester	KN
Machine name/model	HP LaserJet Pro 200 Color M251nw
Colour or B&W	Colour
FW Version	20120813_1904 Phoenix Firmware
Temperature and Humidity	75.1 degF / 23.9 degC, 30.2 %rH
Voltage	110V
Test End Date and Time	10/4/2012 17:18

Item	Value	
Mode and Setting	Driver Version	61.117.1.11493
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Print in Grayscale set in driver
	Duplex B&W Settings	N/A
	Setting N set count	Application
	Collating function	Activated (application)
Paper Path	Paper Sending Direction	Default
	Paper Size Setting	Default
	Paper Feeding	Tray 2
	Paper Exit	Standard Exit Tray
	Output Orientation	Default (face down)
	Duplexing Unit (Yes/No)	No
Paper	Paper Manufacturer	HP / Xerox
	Paper Weight	20lb / 75 g/m2
	Paper Size	Letter/A4
	Paper type/name	HP Multipurpose Colorlok / Xerox Business 4200

Summary Report: A4			
Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	32	14
	Duplex	N/A	N/A
B&W	Simplex	31	14
	Duplex	N/A	N/A

Notes
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Detailed Report: A4

	Office Category Test	FSOT (secs)	EFTP (ipm)			ESAT (ipm)
		1 set only (1 set)	1 set only (1 set)	1 set + 30sec (# of sets)	1 set + 4min (# of sets)	1 set + 30sec
Defaults (Color for color device, B&W for monochrome device)	Simplex - Adobe Reader	32.12	7.46 (1 set)	11.44 (4 sets)	13.13 (17 sets)	14.03
	Simplex - Word	31.26	7.67 (1 set)	11.60 (4 sets)		14.02
	Simplex - Excel	30.91	7.76 (1 set)	11.66 (4 sets)		14.02
	Simplex - Average	32	7	11	13	14
	Duplex - Adobe Reader	N/A	N/A	N/A		N/A
	Duplex - Word	N/A	N/A	N/A		N/A
	Duplex - Excel	N/A	N/A	N/A		N/A
	Duplex - Average	N/A	N/A	N/A		N/A
B&W mode (optional for color device)	Simplex - Adobe Reader	31.59	7.59 (1 set)	11.53 (4 sets)	13.36 (17 sets)	14.03
	Simplex - Word	30.65	7.83 (1 set)	11.69 (4 sets)		14.04
	Simplex - Excel	30.40	7.89 (1 set)	11.74 (4 sets)		14.03
	Simplex - Average	31	7	11	13	14
	Duplex - Adobe Reader	N/A	N/A	N/A		N/A
	Duplex - Word	N/A	N/A	N/A		N/A
	Duplex - Excel	N/A	N/A	N/A		N/A
	Duplex - Average	N/A	N/A	N/A		N/A

Notes
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Hard Drive Subsystem	Standard disk drive (Seagate)
Video Subsystem	ATI FireGL V7200
Optical Drive	HP GSA-H60L SATA interface
I/O Subsystem	Builtin
USB Subsystem	USB 2.0
TCP/IP TCP/IP 10/100	
Operating System	Windows XP Professional, SP 3
Printing Applications	Microsoft Office Word 2003
	Microsoft Office Excel 2003
	Adobe Reader 8.0
Test files and location	Office category files, hard drive