

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP LaserJet Enterprise 700 M712dn

Printing device and settings	
Test Start Date and Time	8/8/2012 14:14
Tester	KN
Machine name/model	HP LaserJet Enterprise 700 M712dn
Colour or B&W	B&W
FW Version	2200887 229572
Temperature and Humidity	78.6 degF / 25.9 degC, 38.2 %rH
Voltage	110V
Test End Date and Time	8/15/2012 21:29

Item	Value	
Mode and Setting	Driver Version	61.135.4.13581
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Default
	Duplex B&W Settings	Duplex set in driver
	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)	Yes
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: Letter			
Office Category Test for B&W Device		FSOT (seconds)	ESAT (ipm)
B&W	Simplex	15	40
	Duplex	17	28

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, softw are application, driver, and document complexity.

Detailed Report: LETTER						
	Office Category Test	FSOT (secs)		EFTP (ipm)		ESAT (ipm)
		1 set only (1 set)	1 set + 30sec (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	15.03	15.97 (1 set)	34.28 (9 sets)	38.96 (46 sets)	40.40
	Simplex - Word	14.73	16.29 (1 set)	34.55 (9 sets)		40.24
	Simplex - Excel	14.12	17.00 (1 set)	35.01 (9 sets)		40.36
	Simplex - Average	15	16	34	38	40
	Duplex - Adobe Reader	17.02	12.58 (1 set)	22.94 (7 sets)		28.22
	Duplex - Word	16.54	12.92 (1 set)	23.18 (7 sets)		28.20
	Duplex - Excel	15.83	13.42 (1 set)	23.50 (7 sets)		28.22
	Duplex - Average	17	12	23		28
B&W mode (optional for color device)	Simplex - Adobe Reader	N/A	N/A	N/A	N/A	N/A
	Simplex - Word	N/A	N/A	N/A		N/A
	Simplex - Excel	N/A	N/A	N/A		N/A
	Simplex - Average	N/A	N/A	N/A	N/A	N/A
	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 10/1000
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 Enterprise 700 M712dn

Printing device and settings		
Test Start Date and Time	8/8/2012 14:14	
Tester	KN	
Machine name/model	HP LaserJet Enterprise 700 M712dn	
Colour or B&W	B&W	
FW Version	2200887_229572	
Temperature and Humidity	78.6 degF / 25.9 degC, 38.2 %RH	
Voltage	110V	
Test End Date and Time	8/15/2012 21:29	

Item	Value	
Mode and Setting	Driver Version	61.135.4.13581
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	Default
	Duplex B&W Settings	Duplex set in driver
	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)	Yes
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 B&W Device		FSOT (seconds)	ESAT (ipm)
B&W	Simplex	15	41
	Duplex	17	28

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: 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	14.94	16.06 (1 set)	34.78 (9 sets)	39.76 (47 sets)	41.12
	Simplex - Word	14.50	16.55 (1 set)	35.26 (9 sets)		41.14
	Simplex - Excel	13.89	17.28 (1 set)	35.62 (9 sets)		41.13
	Simplex - Average	15	16	35	39	41
	Duplex - Adobe Reader	16.92	12.66 (1 set)	23.08 (7 sets)		28.40
	Duplex - Word	16.49	12.94 (1 set)	23.42 (7 sets)		28.38
	Duplex - Excel	15.83	13.42 (1 set)	23.62 (7 sets)		28.38
	Duplex - Average	17	13	23		28
B&W mode (optional for color device)	Simplex - Adobe Reader	N/A	N/A	N/A	N/A	N/A
	Simplex - Word	N/A	N/A	N/A		N/A
	Simplex - Excel	N/A	N/A	N/A		N/A
	Simplex - Average	N/A	N/A	N/A	N/A	N/A
	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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Item	Value
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System Chip Set	Intel 5000P
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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 10/1000
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