

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

HP LaserJet Enterprise 500 MFP M525dn

Printing device and settings	
Test Start Date and Time	11/13/2012 15:46
Tester	AH
Machine name/model	HP LaserJet Enterprise 500 MFP M525dn
Colour or B&W	B&W
FW Version	2200643_228344
Temperature and Humidity	79.3 degF / 26.3 degC, 24.3 %rH
Voltage	110V
Test End Date and Time	11/20/2012 16:10

Item	Value	
Mode and Setting	Driver Version	61.121.4.12258
	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	13	42
	Duplex	18	21
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)	
Defaults (Color for color device, B&W for monochrome device)	Simplex - Adobe Reader	12.91	18.59 (1 set)	35.58 (7 sets)	41.15 (46 sets)	42.43
	Simplex - Word	12.75	18.83 (1 set)	35.99 (7 sets)		42.44
	Simplex - Excel	12.08	19.86 (1 set)	36.49 (7 sets)		42.43
	Simplex - Average	13	19	36	41	42
	Duplex - Adobe Reader	18.33	13.08 (1 set)	18.60 (4 sets)		21.82
	Duplex - Word	18.04	13.30 (1 set)	18.64 (4 sets)		21.80
	Duplex - Excel	17.41	13.78 (1 set)	19.02 (4 sets)		21.82
	Duplex - Average	18	13	18		21
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 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.						

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	Builitn
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 500 MFP M525dn

Printing device and settings	
Test Start Date and Time	11/13/2012 15:46
Tester	AH
Machine name/model	HP LaserJet Enterprise 500 MFP M525dn
Colour or B&W	B&W
FW Version	2200643_228344
Temperature and Humidity	79.3 degF / 26.3 degC, 24.3 %rH
Voltage	110V
Test End Date and Time	11/20/2012 16:10

Item	Value	
Mode and Setting	Driver Version	61.121.4.12258
	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	13	40
	Duplex	19	21

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 + 30sec (# of sets)	1 set + 4min (# of sets)	
Defaults <small>(Color for color device, B&W for monochrome device)</small>	Simplex - Adobe Reader	13.23	18.14 (1 set)	34.17 (7 sets)	38.56 (44 sets)	40.40
	Simplex - Word	13.04	18.41 (1 set)	34.52 (7 sets)		40.41
	Simplex - Excel	12.38	19.39 (1 set)	34.92 (7 sets)		40.39
	Simplex - Average	13	18	34	38	40
	Duplex - Adobe Reader	18.64	12.86 (1 set)	18.06 (4 sets)		21.24
	Duplex - Word	18.35	13.06 (1 set)	18.40 (4 sets)		21.32
	Duplex - Excel	17.71	13.54 (1 set)	18.62 (4 sets)		21.28
	Duplex - Average	19	13	18		21
B&W mode <small>(optional for color device)</small>	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
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.

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	Built-in
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 29183 Copy Productivity Report

Full Detailed Test Report - LETTER

HP LaserJet Enterprise 500 MFP M525dn

Machine Setup Information	
Test Start Date and Time	11/13/2012 15:46
Tester	AH
Machine name/model	HP LaserJet Enterprise 500 MFP M525dn
Colour or B&W	B&W
Configuration (options)	Not Specified
Temperature and Humidity	79.3 degF / 26.3 degC, 24.3 %rH
Test End Date and Time	11/20/2012 16:10

	Pre-set Item	Pre-set Value
Mode	Output Resolution	Default
	Output Quality	Default
	Copying Mode	Colour for Colour and B&W for B&W
	Auto Density Adjustment	Default
	Collating function	Set in Control Panel
Paper	Paper Sending Direction	Default
	Paper Type Setting	Default
Paper Path	Paper Feeding	Tray 2
	Paper Exit	Default
	Face Up Exit	Default (face down)
Temporary Stop	Fixing Capability	Default
	Image Quality Stability	Default
	Capacity of Paper	Default
	Others	None

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		
	sFCOT	sESAT (ipm)
B&W	8	42

Notes
 First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.

Detailed Report: LETTER						
	Target	sFCOT (secs)	sEFTP (ipm)			sESAT (ipm)
			1copy	1copy+30sec	1copy+4minutes	
B&W	A	7.79	7.70	36.02	41.41	42.43
				27 sets	188 sets	
	B	8.21	7.32	36.35		42.45
				27 sets		
	C	7.77	7.72	36.30		42.41
				27 sets		
	D	8.23	7.30	36.31		42.43
				27 sets		
Average	8	7	36	41	42	

Notes
 First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see

ISO/IEC 29183 Copy Productivity Report

Full Detailed Test Report - A4

HP LaserJet Enterprise 500 MFP M525dn

Machine Setup Information	
Test Start Date and Time	11/13/2012 15:46
Tester	AH
Machine name/model	HP LaserJet Enterprise 500 MFP M525dn
Colour or B&W	B&W
Configuration (options)	Not Specified
Temperature and Humidity	79.3 degF / 26.3 degC, 24.3 %rH
Test End Date and Time	11/20/2012 16:10

	Pre-set Item	Pre-set Value
Mode	Output Resolution	Default
	Output Quality	Default
	Copying Mode	Colour for Colour and B&W for B&W
	Auto Density Adjustment	Default
	Collating function	Set in Control Panel
Paper	Paper Sending Direction	Default
	Paper Type Setting	Default
Paper Path	Paper Feeding	Tray 2
	Paper Exit	Default
	Face Up Exit	Default (face down)
Temporary Stop	Fixing Capability	Default
	Image Quality Stability	Default
	Capacity of Paper	Default
	Others	None

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		
	sFCOT	sESAT (ipm)
B&W	9	40

Notes
 First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration and document.

Detailed Report: A4						
	Target	sFCOT (secs)	sEFTP (ipm)			sESAT (ipm)
			1copy	1copy+30sec	1copy+4minutes	
B&W	A	8.36	7.18	34.67	39.45	40.39
				26 sets	180 sets	
	B	7.83	7.66	34.64		40.41
				26 sets		
	C	7.85	7.65	34.66		40.43
				26 sets		
	D	7.99	7.51	34.60		40.40
				26 sets		
Average	9	7	34	39	40	

Notes
 First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see