ISO/IEC 24734 Printing Productivity Report: Office Category Full Detailed Test Report - LETTER

Printing d	evice and set	ttings								
	Test Start Dat	te and Tim	e	1/27/2015	14:33					
	Tester			AH					_	
	Machine nam	e/model		LaserJet Enterprise M604dn					_	
	Colour or B& FW Version	vv		B&W 2305013_515375				_		
	Temperature	and Humic	litv	71 degF /		. 28 %	6rH		-	
	Voltage			110V		, ,				
	Test End Date	e and Time	3	1/28/2015	17:32					
	ltem			Value						
	Driver Version			0 Releas	se1430	09 392-239 (8.	00.1308.2073)		
Mode	Media			Default / I						
and	Simple	ex B&W Se	ettings	N/A						
Setting		ex B&W Se			-					
•	Setting N set count Collating function				00)			_		
	Paper Sending Direction			(applicali	UII)			_		
Paper Size										
Paper		Paper Fe								
Path		Pape	er Exit	Standard						
				Default (fa	ace down)				
		ng Unit (Ye							_	
	Pap			HP / Xero					_	
Paper				20lb / 75 g Letter / A4						
	F	aper type		HP Multip	+ urpose Ce	olorlok	/ Xerox Busine	ess 4200		
Summary	Report: Letter									1
Commeny	Office Catego	1	r B8\\	/ Device		ESO	T (seconds)	ESAT (ipi	m)	-
_		Simplex	Davi	Device		130	10.6	52.3		
E							13.5	37.0		
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DUDIBX - Average 1.3.5
 Average 1.3.5
 All printing device and driver settlings were default mode.
 Por the B/W results, the print driver was set to "print in B/W".
 S) For more information see http://www.bp.com/gorp/interclaims.
 A) Port monitor not configured to follow device if the IP address changes.

Test System Parameters	
Item	Value
Computer	HP Compaq Elite 8300 Small Form Factor
Processor	Intel Core i7 -3770, 3.4 GHz
System Chip Set	Intel C216 Chipset Family SMBus Host Controller
System Board	system devices, default system BIOS
System Memory	4 GB
Hard Drive Subsystem	Standard disk drive (Seagate)
Video Subsystem	AMD Radeon HD 6350
Optical Drive	HP DVD A DH16aCSHR ATA
I/O Subsystem	Builtin
USB Subsystem	USB 2.0/3.0
TCP/IP	TCP/IP 10/1000
Operating System	Windows 7 64 Bit
Printing Applications	Microsoft Office 2010
Microsoft Office	Office 2010
Adobe Reader	10
Test files and location	Office category files, hard drive

Test files and location Office category file , hard driv

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - A4 HP LaserJet Enterprise M604dn

Printing d	levice and settings					
	Test Start Date and Time	1/27/2015 14:33				
	Tester	AH				
	Machine name/model	LaserJet Enterprise M604dn				
	Colour or B&W	B&W				
	FW Version	2305013 515375				
	Temperature and Humidity	71 degF / 22 degC	, 28 %rH			
	Voltage	110V				
	Test End Date and Time	1/28/2015 17:32				
	Item	Value				
	Driver Version	Fusion14_0_Release	se14309_392-239 (8.	00.1308.2073)		
Mode	Media/Quality Setting					
and	Simplex B&W Settings					
Setting	Duplex B&W Settings					
Setting	Setting N set count					
		Activated (application)				
	Paper Sending Direction					
	Paper Size Setting					
Paper	Paper Feeding					
Path		Standard Exit Tray				
		Default (face down)				
	Duplexing Unit (Yes/No)					
	Paper Manufacturer					
Paper		20lb / 75 g/m2				
. apoi	Paper Size					
	Paper type/name	HP Multipurpose Co	olorlok / Xerox Busine	ess 4200		
Summary	Report: A4					
	Office Category Test for B&W	/ Device	FSOT (seconds)	ESAT (ipm)		

Simplex Duplex 10.9 13.8 50 B&W 33.1 Notes
1) All printing device and driver settings were default mode.
2) For the B/W results, the print driver was set to "print in B/W".
3) For more information see http://www.hor.com/go/printerclaims.
4) Port monitor not configured to follow device if the IP address changes.

Detailed Report: A4

	Office	FSOT (secs)		EFTP (ipm)		ESAT (ipm)
	Category Test	1 set only (1 set)	1 set only (1 set)	1 set + 30sec (# of sets)	1 set + 4min (# of sets)	1 set + 30sec
	Simplex - Adobe Reader		(1 set)			
	Simplex - Word		(1 set)		\gg	
Colour Mode	Simplex - Excel		(1 set)		\ge	
wode	Simplex - Average				r	
	Duplex - Adobe Reader	N/A	N/A N/A	N/A N/A	\gg	N/A
	Duplex - Word	N/A	N/A N/A	N/A N/A	\ge	N/A
	Duplex - Excel	N/A	N/A N/A	N/A N/A	\gg	N/A
	Duplex - Average	N/A	N/A	N/A	\sim	N/A
	Simplex - Adobe Reader	11.26	21.30 (1 set)	42.97 (8 sets)	N/A N/A	50.33
	Simplex - Word	10.63	22.57 (1 set)	43.59 (8 sets)	\gg	50.32
B&W mode	Simplex - Excel	10.77	22.27 (1 set)	43.48 (8 sets)	\ge	50.31
	Simplex - Average	10.9	22.0	43.3	N/A	50.3
(optional for color device)	Duplex - Adobe Reader	14.26	16.82 (1 set)	28.62 (6 sets)	\gg	33.11
	Duplex - Word	13.45	17.82 (1 set)	29.14 (6 sets)	\ge	33.14
	Duplex - Excel	13.58	17.66 (1 set)	29.06 (6 sets)	\ge	33.14
	Duplex - Average	13.8	17.4	28.9	\sim	33.1

Notes 1) All printing device and driver settings were default mode. 2) For the BW results, the print driver was set to "print in B/W". 3) For more information see http://www.hp.com/gdp/interclaims. 4) Port monitor nation and see http://www.hp.com/gdp/interclaims.

Test System Parameters Item Value
Computer HP Compaq Elite 8300 Small Form Factor Processor Intel Core i7 -3770, 3.4 GHz System Chip Set Intel C216 Chipset Family SMBus Host Controller System Board system devices, default system BIOS System Memory 4 GB Hard Drive Subsystem Standard disk drive (Seagate) Video Subsystem AMD Radeon HD 6350 Optical Drive HP DVD A DH16aCSHR ATA I/O Subsystem Builtin USB Subsystem USB 2.0/3.0 TCP/IP TCP/IP 10/1000 Operating System Windows 7 64 Bit Microsoft Office 2010 Printing Applications Microsoft Office Office 2010 Adobe Reader Test files and location 10 Office category files, hard drive

ISO/IEC 17629 First Print Out Time Report: Office Category Full Detailed Test Report - LETTER

	Test Star	device and set t Date and Time						
			1/27/2	2015 14:33				
	Tester	Date and time	AH					
		name/model		LaserJet Enterprise M604dn				
	Colour or		B&W					
		ation (options)	Defau	Default				
	Controlle		Not St	pecified				
	Printing of	device page cou						
		supplies page co		own				
		ture and Humidit		gF / 22 degC	. 31 %	лН		
	Voltage		110V	<u> </u>	-			
	Test End Date and Time			015 17:07				
	Item		Value					
Mode		driver version	Fusio	n14_0_Relea	se1430	9_392-239	9 (8.00	.1308.2073)
and	Print Quality mode B&W settings		defau	default				
Setting				default				
Setting	Paper fee	ed orientation	Short	Short Edge				
Paper	Paper type setting			default				
Гарсі	Paper fee		Stand	ard cassette				
	Paper ex	it	Stand	Standard exit tray				
Paper Path	Output or			default (face up or face down)				
	Duplexing	g unit	Short	Edge				
ISO First	Ū	ut Time Sum	mary Re	port: Offic	e Cat	egory		
			FPOT	from Ready	y (seco	nds)		
B&W		Simplex		7.1]	
D&W		Duplex		11.2			1	
) For the B/W resu) For more informa) Port monitor not	ults, the print tion see http configured to	settings were default t driver was set to "p p://www.hp.com/go/p o follow device if the after completion of th	rint in B/W". rinterclaims. IP address cha	anges.				
		ISC) First Pa	age Out T	ime R	eport: O	ffice	Category
					1			

Detailed Report:						
betalleu Report.						
		Word (seconds)	Excel (seconds)	Adobe Reader (seconds)	Average (seconds)	Delay Time
	FPOT from Ready - Simplex					
	FPOT from Ready - Duplex					
Color Mode	FPOT from Sleep - Simplex	$>\!$	\geq		$>\!$	
	Recovery Time	$>\!$	\geq		$>\!$	\ge
	FPOT from Off - Simplex	$>\!$	\geq		$>\!$	\ge
	Warm-up Time	$>\!$	\geq		\ge	\geq
	FPOT from Ready - Simplex	6.96	7.12	7.17	7.09	21 Seconds
	FPOT from Ready - Duplex	11.00	11.08	11.62	11.24	21 Seconds
B&W Mode	FPOT from Sleep - Simplex	$>\!$	\geq	9.89	$>\!$	
	Recovery Time	\geq	\geq	2.7	\geq	\geq
	FPOT from Off - Simplex	\geq	\geq	89.75	\geq	\geq
	Warm-up Time	\geq	\geq	82.58	\geq	\geq

Notes 1) All printing device and driver settings were default mode. 2) For the B/W results, the print driver was set to "print in B/W". 3) For more information see http://www.hp.com/go/printerclaims. 4) Port moritor of configured to Ioliko wedve if the IP address changes. 5) Page counts were collected after completion of the tests.

	Test System Parameters					
	ltem	Value				
	Computer	HP Compaq Elite 8300 Small Form Factor				
	Processor	Intel Core i7 -3770, 3.4 GHz				
	System Chip Set	Intel C216 Chipset Family SMBus Host Controller				
	System Board	system devices, default system BIOS				
Test	System Memory	4 GB				
System	Hard Drive Subsystem	Standard disk drive (Seagate)				
	Video Subsystem	AMD Radeon HD 6350				
	Optical Drive	HP DVD A DH16aCSHR ATA				
	I/O Subsystem	Builtin				
	USB Subsystem	USB 2.0/3.0				
Printing Device Connection	TCP/IP	10/1000				
	Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1				
	Printing Applications	Microsoft Office 2010 SP2				
Software	Finiting Applications	Adobe Reader 10.1.4				
	Print Driver	Fusion14_0_Release14309_392-239 (8.00.1308.2073)				
	Test files and location	Office category files, hard drive				

ISO/IEC 17629 First Print Out Time Report: Office Category Full Detailed Test Report - A4 HP LaserJet Enterprise M604dn

ing device and setting start Date and Time r r r men/model r or B&W guration (options) oller ng device page count ng supplies page count erature and Humidity ge find Date and Time	1/27/2015 14:33 AH LaserJet Enterprise M604dn B&W Default Not Specified Unknown Unknown 71 degF / 22 degC, 31 %rH 110V 2/3/2015 17:07		
r ine name/model ir or B&W guration (options) oller ng device page count ng supplies page count erature and Humidity Je	AH LaserJet Enterprise M604dn B&W Default Not Specified Unknown Unknown 71 degF / 22 degC, 31 %rH 110V 2/3/2015 17:07		
ine name/model ir or B&W guration (options) oller ng device page count ng supplies page count erature and Humidity ge	LaserJet Enterprise M604dn B&W Default Not Specified Unknown Unknown 71 degF / 22 degC, 31 %rH 110V 2/3/2015 17:07		
r or B&W guration (options) oller ng device page count ng supplies page count erature and Humidity ge	B&W Default Not Specified Unknown VInknown 71 degF / 22 degC, 31 %rH 110V 2/3/2015 17:07		
guration (options) oller ng device page count ng supplies page count erature and Humidity ge	Default Not Specified Unknown Unknown 71 degF / 22 degC, 31 %rH 110V 2/3/2015 17:07		
oller ng device page count ng supplies page count erature and Humidity ge	Not Specified Unknown Unknown 71 degF / 22 degC, 31 %rH 110V 2/3/2015 17:07		
ng device page count ng supplies page count erature and Humidity ge	Unknown Unknown 71 degF / 22 degC, 31 %rH 110V 2/3/2015 17:07		
ng supplies page count erature and Humidity ge	Unknown 71 degF / 22 degC, 31 %rH 110V 2/3/2015 17:07		
erature and Humidity	71 degF / 22 degC, 31 %rH 110V 2/3/2015 17:07		
je .	110V 2/3/2015 17:07		
	2/3/2015 17:07		
End Date and Time			
	Value		
and driver version	Fusion14_0_Release14309_392-239 (8.00.1308.207		
Quality mode	default		
settings	default		
r feed orientation	Short Edge		
r type setting	default		
r feeding	Standard cassette		
r exit	Standard exit tray		
t orientation	default (face up or face down)		
xing unit	Short Edge		
0 (T) 0			
Out Time Summar	ry Report: Office Category		
	Quality mode settings reced orientation type setting rexit t orientation wing unit Out Time Summan		

		FPOT from Ready (seconds)			
B&W Simplex 7.4					
Daw	Duplex	11.3			
 All printing device and For the B/W results, th For more information s Port monitor not confid 	e print driver was set to ee http://www.hp.com/go	print in B/W". /printerclaims.			

	ISO First Pag	ge Out Time R	eport: Office	Category		r
Detailed Report:	A4					
		Word (seconds)	Excel (seconds)	Adobe Reader (seconds)	Average (seconds)	Delay Time
	FPOT from Ready - Simplex					
	FPOT from Ready - Duplex					
Colour Mode	FPOT from Sleep - Simplex	$>\!$	\geq		$>\!$	
	Recovery Time	\geq	\geq		\geq	$>\!$
	FPOT from Off - Simplex	\ge	\geq		\ge	\geq
	Warm-up Time	$>\!$	\geq		$>\!\!\!\!>$	\geq
	FPOT from Ready - Simplex	7.13	7.21	7.69	7.35	21 Seconds
	FPOT from Ready - Duplex	11.09	11.19	11.70	11.33	21 Seconds
B&W Mode	FPOT from Sleep - Simplex	\succ	\geq	9.91	\succ	
	Recovery Time	\geq	\geq	2.2	\geq	\geq
	FPOT from Off - Simplex	\geq	\geq	88.25	\geq	\geq
	Warm-up Time	\geq	\geq	80.56	\geq	\geq

Notes 1) All pinning device and driver settings were default mode. 2) For the B/W results, the pinn driver was set to "print in B/W". 3) For more information see http://www.hp.com/go/printerclaims. 4) Port monitor not configured to clilow device if the IP address changes. 5) Page counts were collected after completion of the tests.

	Test System Parameters	
	ltem	Value
	Computer	HP Compaq Elite 8300 Small Form Factor
	Processor	Intel Core i7 -3770, 3.4 GHz
	System Chip Set	Intel C216 Chipset Family SMBus Host Controller
	System Board	system devices, default system BIOS
Test	System Memory	4 GB
System	Hard Drive Subsystem	Standard disk drive (Seagate)
	Video Subsystem	AMD Radeon HD 6350
	Optical Drive	HP DVD A DH16aCSHR ATA
	I/O Subsystem	Builtin
	USB Subsystem	USB 2.0/3.0
Printing Device Connection	TCP/IP	10/1000
	Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1
	Brinting Applications	Microsoft Office 2010 SP2
Software	Printing Applications	Adobe Reader 10.1.4
	Print Driver	Fusion14_0_Release14309_392-239 (8.00.1308.2073)
	Test files and location	Office category files, hard drive