ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - LETTER

Samsung ProXpress C2620DW

Printing device and settings

	Test Start Date and Time	6/24/2015 17:22
	Tester	KN
	Machine name/model	Samsung ProXpress C2620DW
	Colour or B&W	Colour
	FW Version	V4.00.01.05 JUNE-29-2014
	Temperature and Humidity	79 degF / 26 degC, 29 %rH
	Voltage	110V
	Test End Date and Time	7/13/2015 3:43

	Item	Value
	Driver Version	SPL-C 5.76.01 05-30-2014
Mode and Setting	Media/Quality Setting	Default / Default
	Simplex B&W Settings	
	Duplex B&W Settings	Grayscale
	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 Ultra White / HP Office

Summary Report: **Letter**

Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Color	Simplex	22.7	27.0
	Duplex	32.2	13.5
B&W	Simplex	20.4	27.0
	Duplex	29.6	13.5

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 monitor not configured to follow device if the IP address changes.

Detailed Report: LETTER

	Office Category Test	FSOT (secs) 1 set only (1 set)	EFTP (ipm)			ESAT (ipm) 1 set + 30sec
			1 set only (1 set)	1 set + 30sec (# of sets)	1 set + 4min (# of sets)	
Color Mode	Simplex - Adobe Reader	23.30	10.29 (1 set)	20.38 (5 sets)	22.80 (49 sets)	27.01
	Simplex - Word	22.13	10.83 (1 set)	20.84 (5 sets)		27.02
	Simplex - Excel	22.54	10.64 (1 set)	20.70 (5 sets)		27.00
	Simplex - Average	22.7	10.5	20.6	22.8	27.0
	Duplex - Adobe Reader	32.74	7.32 (1 set)	10.52 (3 sets)		13.56
	Duplex - Word	31.60	7.58 (1 set)	10.74 (3 sets)		13.56
	Duplex - Excel	32.08	7.46 (1 set)	10.66 (3 sets)		13.56
	Duplex - Average	32.2	7.4	10.6		13.5
B&W mode (optional for color device)	Simplex - Adobe Reader	20.72	11.57 (1 set)	21.25 (5 sets)	25.01 (49 sets)	27.02
	Simplex - Word	20.17	11.89 (1 set)	21.60 (5 sets)		27.01
	Simplex - Excel	20.30	11.81 (1 set)	21.45 (5 sets)		27.02
	Simplex - Average	20.4	11.7	21.4	25.0	27.0
	Duplex - Adobe Reader	29.87	8.02 (1 set)	11.02 (3 sets)		13.56
	Duplex - Word	29.17	8.20 (1 set)	11.14 (3 sets)		13.56
	Duplex - Excel	29.69	8.06 (1 set)	11.06 (3 sets)		13.56
	Duplex - Average	29.6	8.0	11.0		13.5

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 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

ISO/IEC 24734 Printing Productivity Report: Office Category

Full Detailed Test Report - A4

Samsung ProXpress C2620DW

Printing device and settings

	Test Start Date and Time	6/24/2015 17:22
	Tester	KN
	Machine name/model	Samsung ProXpress C2620DW
	Colour or B&W	Colour
	FW Version	V4.00.01.05 JUNE-29-2014
	Temperature and Humidity	79 degF / 26 degC, 29 %rH
	Voltage	110V
	Test End Date and Time	7/13/2015 3:43

	Item	Value
Mode and Setting	Driver Version	SPL-C 5.76.01 05-30-2014
	Media/Quality Setting	Default / Default
	Simplex B&W Settings	
	Duplex B&W Settings	Grayscale
	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 Ultra White / HP Office

Summary Report: A4

Office Category Test for Color Device		FSOT (seconds)	ESAT (ipm)
Colour	Simplex	23.1	25.9
	Duplex	32.8	13.0
B&W	Simplex	20.9	25.9
	Duplex	30.4	13.0

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 monitor not configured to follow device if the IP address changes.

Detailed Report: A4

	Office Category Test	FSOT (secs) 1 set only (1 set)	EFTP (ipm)			ESAT (ipm) 1 set + 30sec
			1 set only (1 set)	1 set + 30sec (# of sets)	1 set + 4min (# of sets)	
Colour Mode	Simplex - Adobe Reader	23.65	10.14 (1 set)	19.71 (5 sets)	23.44 (48 sets)	25.95
	Simplex - Word	22.48	10.67 (1 set)	20.22 (5 sets)		25.96
	Simplex - Excel	22.90	10.47 (1 set)	20.02 (5 sets)		25.96
	Simplex - Average	23.1	10.4	19.9	23.4	25.9
	Duplex - Adobe Reader	33.31	7.18 (1 set)	10.22 (3 sets)		13.06
	Duplex - Word	32.27	7.42 (1 set)	10.44 (3 sets)		13.06
	Duplex - Excel	32.72	7.32 (1 set)	10.38 (3 sets)		13.06
	Duplex - Average	32.8	7.3	10.3		13.0
B&W mode (optional for color device)	Simplex - Adobe Reader	21.09	11.37 (1 set)	20.66 (5 sets)	24.06 (48 sets)	25.96
	Simplex - Word	20.63	11.63 (1 set)	20.88 (5 sets)		25.97
	Simplex - Excel	20.73	11.57 (1 set)	20.77 (5 sets)		25.97
	Simplex - Average	20.9	11.5	20.7	24.0	25.9
	Duplex - Adobe Reader	30.86	7.76 (1 set)	10.68 (3 sets)		13.06
	Duplex - Word	29.89	8.02 (1 set)	10.78 (3 sets)		13.06
	Duplex - Excel	30.20	7.94 (1 set)	10.74 (3 sets)		13.06
	Duplex - Average	30.4	7.9	10.7		13.0

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 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

ISO/IEC 17629 First Print Out Time Report: Office Category

Full Detailed Test Report - LETTER

Samsung ProXpress C2620DW

	Printing device and settings	
	Test Start Date and Time	6/24/2015 17:22
	Tester	KN
	Machine name/model	Samsung ProXpress C2620DW
	Colour or B&W	Colour
	FW Version	V4.00.01.05 JUNE-29-2014
	Configuration (options)	Default
	Controller	
	Printing device page count	Not Specified
	Printing supplies page count	Not Specified
	Temperature and Humidity	79 degF / 26 degC, 30 %rH
	Voltage	110V
	Test End Date and Time	7/28/2015 15:42

	Item	Value
Mode and Setting	PDL and driver version	SPL-C 5.76.01 05-30-2014
	Print Quality mode	default
	B&W settings	default
	Paper feed orientation	Short Edge
Paper	Paper type setting	default
	Paper feeding	Standard cassette
Paper Path	Paper exit	Standard exit tray
	Output orientation	default (face up or face down)

ISO First Page Out Time Summary Report: Office Category

Summary Report: **Letter**

		FPOT from Ready (seconds)
Color	Simplex	15.09
	Duplex	22.62
B&W	Simplex	13.08
	Duplex	20.28

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 monitor not configured to follow device if the IP address changes.
5) Page counts were collected after completion of the tests.

ISO First Page Out Time Report: Office Category

Detailed Report: **LETTER**

		Word (seconds)	Excel (seconds)	Adobe Reader (seconds)	Average (seconds)	Delay Time
Color Mode	FPOT from Ready - Simplex	14.55	15.03	15.68	15.09	48 Seconds
	FPOT from Ready - Duplex	22.12	22.53	23.21	22.62	48 Seconds
	FPOT from Sleep - Simplex			17.71		65 Minutes
	Recovery Time			2.0		
	FPOT from Off - Simplex			75.31		
	Warm-up Time			59.63		
B&W Mode	FPOT from Ready - Simplex	12.70	13.20	13.32	13.08	48 Seconds
	FPOT from Ready - Duplex	19.89	20.39	20.55	20.28	48 Seconds
	FPOT from Sleep - Simplex			15.41		65 Minutes
	Recovery Time			2.1		
	FPOT from Off - Simplex			88.88		
	Warm-up Time			75.56		

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 monitor not configured to follow device if the IP address changes.
5) Page counts were collected after completion of the tests.

	Test System Parameters	
	Item	Value
Test System	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
Printing Device Connection	TCP/IP	10/1000
Software	Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1
	Printing Applications	Microsoft Office 2010 SP2
		Adobe Reader 10.1.4
	Print Driver	SPL-C 5.76.01 05-30-2014

ISO/IEC 17629 First Print Out Time Report: Office Category

Full Detailed Test Report - A4

Samsung ProXpress C2620DW

	Printing device and settings	
	Test Start Date and Time	6/24/2015 17:22
	Tester	KN
	Machine name/model	Samsung ProXpress C2620DW
	Colour or B&W	Colour
	FW Version	V4.00.01.05 JUNE-29-2014
	Configuration (options)	Default
	Controller	
	Printing device page count	Not Specified
	Printing supplies page count	Not Specified
	Temperature and Humidity	79 degF / 26 degC, 30 %rH
	Voltage	110V
	Test End Date and Time	7/28/2015 15:42

	Item	**Value**
Mode and Setting	PDL and driver version	SPL-C 5.76.01 05-30-2014
	Print Quality mode	default
	B&W settings	default
	Paper feed orientation	Short Edge
Paper	Paper type setting	default
	Paper feeding	Standard cassette
Paper Path	Paper exit	Standard exit tray
	Output orientation	default (face up or face down)

ISO First Page Out Time Summary Report: Office Category		

Summary Report: A4

		FPOT from Ready (seconds)
Colour	Simplex	15.22
	Duplex	22.95
B&W	Simplex	13.20
	Duplex	20.55

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 monitor not configured to follow device if the IP address changes.
5) Page counts were collected after completion of the tests.

ISO First Page Out Time Report: Office Category					

Detailed Report: A4

		Word (seconds)	Excel (seconds)	Adobe Reader (seconds)	Average (seconds)	Delay Time
Colour Mode	FPOT from Ready - Simplex	14.80	15.10	15.75	15.22	48 Seconds
	FPOT from Ready - Duplex	22.56	22.80	23.49	22.95	48 Seconds
	FPOT from Sleep - Simplex			17.75		65 Minutes
	Recovery Time			2.0		
	FPOT from Off - Simplex			69.50		
	Warm-up Time			53.75		
B&W Mode	FPOT from Ready - Simplex	12.94	13.22	13.42	13.20	48 Seconds
	FPOT from Ready - Duplex	20.28	20.57	20.80	20.55	48 Seconds
	FPOT from Sleep - Simplex			15.61		65 Minutes
	Recovery Time			2.2		
	FPOT from Off - Simplex			67.62		
	Warm-up Time			54.20		

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 monitor not configured to follow device if the IP address changes.
5) Page counts were collected after completion of the tests.

	Test System Parameters	
	Item	**Value**
Test System	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
Printing Device Connection	TCP/IP	10/1000
Software	Operating System	Windows 7 Business/Ultimate, 64 bit, Build 7601, SP 1
	Printing Applications	Microsoft Office 2010 SP2
		Adobe Reader 10.1.4
	Print Driver	SPL-C 5.76.01 05-30-2014