Full detailed report

(ISO/IEC 24734 Office Category Test)

Model

Printing device and test setting

Test Start Date and Time	2018/8/2 . 15:50
Tester	H.Nakata
Color or B/W	B/W Printing device
Configuration (Option)	Option wasn't used.
Temperature and Humidity	23.9℃ / 62.6 %
Voltage	Within Rating voltage
Test End Date and Time	2018/8/3 . 10:55

Modes and Settings	Print Quality mode	Default
	B&W settings	N/A
	Setting N set count	Activated (Application, select "count up" or "count down")
	Collating function	Activated (Application, select "collate")
Paper	Paper sending direction	Default
	Paper type setting	Default
Paper path	Paper feeding	Auto Select
	Paper exit	Output tray
	Output orientation	Default (Face down)
	Duplexing unit	Default
Paper	Manufacturer	Fuji Xerox
	Weight	64g/m2
	Size	A4
	Paper type/Name	PPC/V602

Test system parameters

Test system	Computer	EPSON Direct Endeavor MR7400
	Processor	Intel ® Core™ i7-6700K(4GHz)
	System Chip Set	Intel ® H170 Chip Set
	System Board	Pegatron:IPMSK-MI BIOS :AP5U-0032-GW2
	System Memory	8.0GB(4.0GB × 2) PC4-2133 DDR4 SDRAM
	Hard Drive and Subsystem	Seagate:ST500DM002 500GB SATA 600MB/s 7200rpm × 2
	Video system	NVIDIA® Quadro® K2200 4GB
	Optical Drive	PLDS:DH-16D8SH DVD-ROM Drive SATA
	I/O Subsystem	USB keyboard and mouse
	USB Subsystem	System board USB controller , USB3.0
Software	Operating System	Microsoft Windows 10 Pro 64bit
	Printing Application	Adobe acrobat Reader11
		Microsoft Office Excel2016
		Microsoft Office Word2016
	Print Driver	Ver.2.60.01
	Test Files Location	Office Category files, hard drive
Printing Device Connection	USB	USB 2.0 Keyboard and mouse were connected.

Application setting deviations from default.

Changing from default.	Excel and Word	"Scale Content for A4 or 8.5 x 11" Paper size" set to off.
	Adobe Reader	"Paper Scaling" set to "None".

Summary Report

Office Category Test		FSOT [seconds]	ESAT [ppm/ipm]
B&W mode	Simplex Average	14.39	21.10
	Duplex Average	25.45	9.18

Notes
・All printing device and print driver setting were default mode.

・For the duplex result, the print driver was set to "Auto(Long-edge binding)" in "2-sided printing"

Full Report

Office Category Test			FSOT [seconds]	EFTP [ppm/ipm] 1set test	EFTP [ppm/ipm] 1set+30 seconds (# sets)	EFTP [ppm/ipm] 1 set+4 minutes (# sets)	ESAT [ppm/ipm]
B&W mode	Simplex	PDF	14.74	16.28	18.93 (4 set)	19.80 (22 set)	20.34
		Word	12.75				24.21
		Excel	15.66				18.77
		Average	14.39				21.10
	Duplex	PDF	25.71	9.33	9.12 (3 set)		9.03
		Word	23.90				9.69
		Excel	26.74				8.82
		Average	25.45				9.18

Notes
・All printing device and print driver setting were default mode.

・For the duplex result, the print driver was set to "Auto(Long-edge binding)" in "2-sided printing"

Full detailed report

(ISO/IEC 24734 Office Category Test)

Model

Printing device and test setting

Test Start Date and Time	2018/8/3 . 11:50
Tester	H.Nakata
Color or B/W	B/W Printing device
Configuration (Option)	Option wasn't used.
Temperature and Humidity	24.0℃ / 61.6 %
Voltage	Within Rating voltage
Test End Date and Time	2018/8/6 . 7:45

Modes and Settings	Print Quality mode	Default
	B&W settings	N/A
	Setting N set count	Activated (Application, select "count up" or "count down")
	Collating function	Activated (Application, select "collate")
Paper	Paper sending direction	Default
	Paper type setting	Default
Paper path	Paper feeding	Auto Select
	Paper exit	Output tray
	Output orientation	Default (Face down)
	Duplexing unit	Default
Paper	Manufacturer	Fuji Xerox
	Weight	64g/m2
	Size	Letter
	Paper type/Name	PPC/V604

Test system parameters

Test system	Computer	EPSON Direct Endeavor MR7400
	Processor	Intel ® Core™ i7-6700K(4GHz)
	System Chip Set	Intel ® H170 Chip Set
	System Board	Pegatron:IPMSK-MI BIOS :AP5U-0032-GW2
	System Memory	8.0GB(4.0GB × 2) PC4-2133 DDR4 SDRAM
	Hard Drive and Subsystem	Seagate:ST500DM002 500GB SATA 600MB/s 7200rpm × 2
	Video system	NVIDIA® Quadro® K2200 4GB
	Optical Drive	PLDS:DH-16D8SH DVD-ROM Drive SATA
	I/O Subsystem	USB keyboard and mouse
	USB Subsystem	System board USB controller , USB3.0
Software	Operating System	Microsoft Windows 10 Pro 64bit
	Printing Application	Adobe acrobat Reader11
		Microsoft Office Excel2016
		Microsoft Office Word2016
	Print Driver	Ver.2.60.01
	Test Files Location	Office Category files, hard drive
Printing Device Connection	USB	USB 2.0 Keyboard and mouse were connected.

Application setting deviations from default.

Changing from default.	Excel and Word	"Scale Content for A4 or 8.5 x 11" Paper size" set to off.
	Adobe Reader	"Paper Scaling" set to "None".

Summary Report

Office Category Test		FSOT [seconds]	ESAT [ppm/ipm]
B&W mode	Simplex Average	14.33	21.21
	Duplex Average	25.54	9.08

Notes
・All printing device and print driver setting were default mode.

・For the duplex result, the print driver was set to "Auto(Long-edge binding)" in "2-sided printing"

Full Report

Office Category Test			FSOT [seconds]	EFTP [ppm/ipm] 1set test	EFTP [ppm/ipm] 1set+30 seconds (# sets)	EFTP [ppm/ipm] 1 set+4 minutes (# sets)	ESAT [ppm/ipm]
B&W mode	Simplex	PDF	14.60	16.44	19.02 (4 set)	19.84 (22 set)	20.37
		Word	12.65				24.38
		Excel	15.72				18.88
		Average	14.33				21.21
	Duplex	PDF	25.87	9.27	8.97 (3 set)		8.85
		Word	24.19				9.51
		Excel	26.56				8.90
		Average	25.54				9.08

Notes
・All printing device and print driver setting were default mode.

・For the duplex result, the print driver was set to "Auto(Long-edge binding)" in "2-sided printing"

Full detailed report

(ISO/IEC 17629)

Model

Printing device and test setting

Test Start Date and Time	2018/10/30 . 8:45
Tester	Y.Hotaka
Color or B/W	B/W Printing device
Configuration (Option)	Option wasn't used.
Temperature and Humidity	23.3℃ / 35.3 %
Voltage	Within Rating voltage
Test End Date and Time	2018/11/5 . 17:40

Modes and Settings	Print Quality mode	Default
	B&W settings	N/A
Paper	Paper sending direction	short edge
	Paper type setting	Default
Paper path	Paper feeding	Paper Cassette (Paper Cassette)
	Paper exit	Output tray
	Output orientation	Default (Face down)
	Duplexing unit	Default
Paper	Manufacturer	Fuji Xerox
	Weight	64g/m2
	Size	A4
	Paper type/Name	PPC/V602

Test system parameters

Test system	Computer	EPSON Direct Endeavor MR7400
	Processor	Intel ® Core™ i7-6700K(4GHz)
	System Chip Set	Intel ® H170 Chip Set
	System Board	Pegatron:IPMSK-MI BIOS :AP5U-0032-GW2
	System Memory	8.0GB(4.0GB × 2) PC4-2133 DDR4 SDRAM
	Hard Drive and Subsystem	Seagate:ST500DM002 500GB SATA 600MB/s 7200rpm × 2
	Video system	NVIDIA® Quadro® K2200 4GB
	Optical Drive	PLDS:DH-16D8SH DVD-ROM Drive SATA
	I/O Subsystem	USB keyboard and mouse
	USB Subsystem	System board USB controller , USB3.0
Software	Operating System	Microsoft Windows 10 Pro 64bit
	Printing Application	Adobe acrobat Reader11
		Microsoft Office Excel2016
		Microsoft Office Word2016
	Print Driver	Ver.2.60.00
	Test Files Location	Office Category files, hard drive
Printing Device Connection	USB	USB 2.0 Keyboard and mouse were connected.

Application setting deviations from default.

Changing from default.	Excel and Word	"Scale Content for A4 or 8.5 x 11" Paper size" set to off.
	Adobe Reader	"Paper Scaling" set to "None".

Summary Report

		Ready FPOT (sec)
B&W mode	Simplex Average	5.87
	Duplex Average	12.63

Notes

・All printing device and print driver setting were default mode.

・For the duplex result, the print driver was set to "Auto(Long-edge binding)" in "2-sided printing"

Full Report

			PDF (sec)	Word (sec)	Excel (sec)	Average (sec)	Delay Time
B&W mode	Simplex	Ready FPOT	5.87	5.55	6.17	5.87	50sec
		Sleep FPOT	7.70				23min
		Recovery Time	1.83				
		OFF FPOT	11.37				
		Warmup Time	5.50				
	Duplex	Ready FPOT	12.30	12.33	13.26	12.63	50sec

Notes

・All printing device and print driver setting were default mode.

・For the duplex result, the print driver was set to "Auto(Long-edge binding)" in "2-sided printing"

・Annex F used to determine delay time for FPOT from Ready.

・Sleep FPOT Additional Wait Time is defined as 10 minutes for following reasons.

- It is an inkjet printer.
- Recovery Time does not depend on the elapsed time after transition to Sleep.

Full detailed report

(ISO/IEC 17629)

Model

Printing device and test setting

Test Start Date and Time	2018/11/1 . 8:45
Tester	Y.Hotaka
Color or B/W	B/W Printing device
Configuration (Option)	Option wasn't used.
Temperature and Humidity	23.6℃ / 34.6 %
Voltage	Within Rating voltage
Test End Date and Time	2018/11/7 . 14:45

Modes and Settings	Print Quality mode	Default
	B&W settings	N/A
Paper	Paper sending direction	short edge
	Paper type setting	Default
Paper path	Paper feeding	Paper Cassette (Paper Cassette)
	Paper exit	Output tray
	Output orientation	Default (Face down)
	Duplexing unit	Default
Paper	Manufacturer	Fuji Xerox
	Weight	64g/m2
	Size	Letter
	Paper type/Name	PPC/V604

Test system parameters

Test system	Computer	EPSON Direct Endeavor MR7400
	Processor	Intel ® Core™ i7-6700K(4GHz)
	System Chip Set	Intel ® H170 Chip Set
	System Board	Pegatron:IPMSK-MI BIOS :AP5U-0032-GW2
	System Memory	8.0GB(4.0GB × 2) PC4-2133 DDR4 SDRAM
	Hard Drive and Subsystem	Seagate:ST500DM002 500GB SATA 600MB/s 7200rpm × 2
	Video system	NVIDIA® Quadro® K2200 4GB
	Optical Drive	PLDS:DH-16D8SH DVD-ROM Drive SATA
	I/O Subsystem	USB keyboard and mouse
	USB Subsystem	System board USB controller , USB3.0
Software	Operating System	Microsoft Windows 10 Pro 64bit
	Printing Application	Adobe acrobat Reader11
		Microsoft Office Excel2016
		Microsoft Office Word2016
	Print Driver	Ver.2.60.00
	Test Files Location	Office Category files, hard drive
Printing Device Connection	USB	USB 2.0 Keyboard and mouse were connected.

Application setting deviations from default.

Changing from default.	Excel and Word	"Scale Content for A4 or 8.5 x 11" Paper size" set to off.
	Adobe Reader	"Paper Scaling" set to "None".

Summary Report

		Ready FPOT (sec)
B&W mode	Simplex Average	5.83
	Duplex Average	12.80

Notes

・All printing device and print driver setting were default mode.

・For the duplex result, the print driver was set to "Auto(Long-edge binding)" in "2-sided printing"

Full Report

			PDF (sec)	Word (sec)	Excel (sec)	Average (sec)	Delay Time
B&W mode	Simplex	Ready FPOT	5.81	5.48	6.20	5.83	50sec
		Sleep FPOT	7.54				23min
		Recovery Time	1.73				
		OFF FPOT	11.33				
		Warmup Time	5.52				
	Duplex	Ready FPOT	12.72	12.46	13.20	12.80	50sec

Notes

・For the duplex result, the print driver was set to "Auto(Long-edge binding)" in "2-sided printing"

・Annex F used to determine delay time for FPOT from Ready.

・Sleep FPOT Additional Wait Time is defined as 10 minutes for following reasons.

- It is an inkjet printer.
- Recovery Time does not depend on the elapsed time after transition to Sleep.