Full detailed report

(ISO/IEC 17991)

Machine name/model:

Printing device and test setting

Test Start Date and Time	2023/11/15 . 14:00
Tester	H.Nakata
Color or B/W	Color Printing device
Configuration (Option)	Optional cassette installed(Optional Single Cassette+Optional Dual Cassette)
Temperature and Humidity	22.5℃ / 47.0 %
Voltage	104.1V
Test End Date and Time	2023/11/17 . 15:55

	Pre-set item	Pre-set value
Mode and Settings	Scanning resolution	default [200dpi]
	Colour or grey scale/B&W	default [color]
	Duplex / simplex	default [simplex]
	Original page size	default [A4]
	Paper feed orientation (long/short edge)	default [short edge]
	Scan destination	default [Shared network]
	Storing File Type	default [pdf multi]
	Auto scan quality adjustment	factory preset default setting
ADF Paper-path	Paper feed direction	default [short edge]
	Output orientation	default
	scanning unit	default [duplex ADF]

Test system parameters

Item		Value
Test system	Computer	Lenovo Think Pad P1 Gen2
	Processor (CPU)	Intel ® Core™ i7-9750H Processor (2.60GHz, 12MB)
	System Chip Set	Intel ® CM246 Chip Set
	System Board	LENOVO:20QUS1VR00 BIOS :N2OET42W(1.29)
	System Memory	16GB(PC4-21300 DDR4 SODIMM)
	Hard Drive or SSD Subsystem	M.2 PCIe NVMe SSD 512GB
Software	Operating System	Microsoft Windows 10 Pro 64bit
Scanning Device Connection	Location of network folder	PC
	Internet Protocol	IPv4
	Transfer Protocol	SMB
	Hub	—
	Network Speed	1000Mbps Ethernet
	Connection Cable	PC-Printer LD-GPN/BU3 (3.0 m, Cat6, Straight cable)
	Wireless router	—
	Others	—

Summary Report

Summary Report of ADF Productivity Measurement

	Scanning mode			Measurement result
	FileFormat Version	Resolution	Scanning side	$scESAT_{30secA}$ (ipm)
Color (Default setting)	PDF 1.7	200dpi	single side	53.47
			double sides	107.34
B&W B&W	PDF 1.7	200dpi	single side	53.01
			double sides	107.82

Summary Report of Scan to Network Folder Productivity Measurement

	Scanning mode			Measurement result		
	FileFormat Version	Resolution	Scanning side	$scEFTP_{30secF}$ (ipm)	File size(30secF) (Mbyte)	Number of Sets(30secF)
Color (Default setting)	PDF 1.7	200dpi	single side	51.89	9.29	8
			double sides	102.85	17.55	15
B&W B&W	PDF 1.7	200dpi	single side	51.20	0.85	8
			double sides	102.85	1.57	15

Full Report

Full Report of ADF Productivity Measurement

	Scanning mode			Measurement result		
	FileFormat Version	Resolution	Scanning side	$scEFTP_{1setA}$ (ipm)	$scEFTP_{30secA}$ (ipm)	$scESAT_{30secA}$ (ipm)
Color (Default setting)	PDF 1.7	200dpi	single side	37.70	51.53	53.47
			double sides	57.41	103.00	107.34
B&W B&W	PDF 1.7	200dpi	single side	37.67	51.07	53.01
			double sides	57.35	102.88	107.82

Full Report of Scan to Network Folder Productivity Measurement

	Scanning mode			Measurement result			
	FileFormat Version	Resolution	Scanning side	$scEFTP_{1setF}$ (ipm)	$scEFTP_{30secF}$ (ipm)	File size(30secF) (Mbyte)	Number of Sets(30secF)
Color (Default setting)	PDF 1.7	200dpi	single side	-	51.89	9.29	8
			double sides	-	102.85	17.55	15
B&W B&W	PDF 1.7	200dpi	single side	-	51.20	0.85	8
			double sides	-	102.85	1.57	15

NOTE: As for scEFTP30secF, measurement parameters involving the measurement of file transmission to a network folder are dependent on other factors like the computer and network configuration and represent relative values and not absolute values.

Full detailed report

(ISO/IEC 17991)

Machine name/model:

Printing device and test setting

Test Start Date and Time	2023/11/14 . 16:30
Tester	H.Nakata
Color or B/W	Color Printing device
Configuration (Option)	Optional cassette installed(Optional Single Cassette+Optional Dual Cassette)
Temperature and Humidity	22.9℃ / 47.2 %
Voltage	105.8V
Test End Date and Time	2023/11/20 . 13:10

	Pre-set item	Pre-set value
Mode and Settings	Scanning resolution	default [200dpi]
	Colour or grey scale/B&W	default [color]
	Duplex / simplex	default [simplex]
	Original page size	default[Letter]
	Paper feed orientation (long/short edge)	default [short edge]
	Scan destination	default [Shared network]
	Storing File Type	default [pdf multi]
	Auto scan quality adjustment	factory preset default setting
ADF	Paper feed direction	default [short edge]
Paper-path	Output orientation	default
	scanning unit	default [duplex ADF]

Test system parameters

Item		Value
Test system	Computer	Lenovo Think Pad P1 Gen2
	Processor (CPU)	Intel ® Core™ i7-9750H Processor (2.60GHz, 12MB)
	System Chip Set	Intel ® CM246 Chip Set
	System Board	LENOVO:20QUS1VR00 BIOS :N2OET42W(1.29)
	System Memory	16GB(PC4-21300 DDR4 SODIMM)
	Hard Drive or SSD Subsystem	M.2 PCIe NVMe SSD 512GB
Software	Operating System	Microsoft Windows 10 Pro 64bit
Scanning Device Connection	Location of network folder	PC
	Internet Protocol	IPv4
	Transfer Protocol	SMB
	Hub	—
	Network Speed	1000Mbps Ethernet
	Connection Cable	PC-Printer LD-GPN/BU3 (3.0 m, Cat6, Straight cable)
	Wireless router	—
	Others	—

Summary Report

Summary Report of ADF Productivity Measurement

	Scanning mode			Measurement result
	FileFormat Version	Resolution	Scanning side	$scESAT_{30secA}$ (ipm)
Color (Default setting)	PDF 1.7	200dpi	single side	54.42
			double sides	108.14
B&W B&W	PDF 1.7	200dpi	single side	54.47
			double sides	108.20

Summary Report of Scan to Network Folder Productivity Measurement

	Scanning mode			Measurement result		
	FileFormat Version	Resolution	Scanning side	$scEFTP_{30secF}$ (ipm)	File size(30secF) (Mbyte)	Number of Sets(30secF)
Color (Default setting)	PDF 1.7	200dpi	single side	53.33	9.26	8
			double sides	102.85	17.45	15
B&W B&W	PDF 1.7	200dpi	single side	52.61	1.00	8
			double sides	102.85	1.67	15

Full Report

Full Report of ADF Productivity Measurement

	Scanning mode			Measurement result		
	FileFormat Version	Resolution	Scanning side	$scEFTP_{1setA}$ (ipm)	$scEFTP_{30secA}$ (ipm)	$scESAT_{30secA}$ (ipm)
Color (Default setting)	PDF 1.7	200dpi	single side	39.11	52.62	54.42
			double sides	58.46	103.84	108.14
B&W B&W	PDF 1.7	200dpi	single side	38.61	52.55	54.47
			double sides	57.91	103.57	108.20

Full Report of Scan to Network Folder Productivity Measurement

	Scanning mode			Measurement result			
	FileFormat Version	Resolution	Scanning side	$scEFTP_{1setF}$ (ipm)	$scEFTP_{30secF}$ (ipm)	File size(30secF) (Mbyte)	Number of Sets(30secF)
Color (Default setting)	PDF 1.7	200dpi	single side	-	53.33	9.26	8
			double sides	-	102.85	17.45	15
B&W B&W	PDF 1.7	200dpi	single side	-	52.61	1.00	8
			double sides	-	102.85	1.67	15

NOTE: As for scEFTP30secF, measurement parameters involving the measurement of file transmission to a network folder are dependent on other factors like the computer and network configuration and represent relative values and not absolute values.

Full detailed report

(ISO/IEC 17629)

Model

Printing device and test setting

Test Start Date and Time	2023/12/4 . 8:45
Tester	S.Marumo
Color or B/W	Color Printing device
Configuration (Option)	Optional cassette installed(Optional Single Cassette+Optional Dual Cassette)
Temperature and Humidity	22.4℃ / 45.8 %
Voltage	104.8V
Test End Date and Time	2023/12/5 . 11:00

Modes and Settings	Print Quality mode	Default
	B&W settings	Activated (Driver, select"Grayscale")
Paper	Paper sending direction	Short edge feed
	Paper type setting	Default
Paper path	Paper feeding	Auto Select (Paper Cassette 1)
	Paper exit	Output tray
	Output orientation	Default (Face down)
	Duplexing unit	Default

Paper	Manufacturer	FUJIFILM Business Innovation Corp.
	Weight	64g/m2
	Size	A4
	Paper type/Name	ZGAA0535

Test system parameters

Test system	Computer	Lenovo Think Pad P1 Gen2
	Processor	Intel ® Core™ i7-9750H Processor (2.60GHz, 12MB)
	System Chip Set	Intel ® CM246 Chip Set
	System Board	LENOVO:20QUS1VR00 BIOS :N2OET42W(1.29)
	System Memory	16GB(PC4-21300 DDR4 SODIMM)
	HDD or SSD Subsystem	M.2 PCIe NVMe SSD 512GB
	Video system	NVIDIA Quadro T1000
	I/O Subsystem	USB mouse
	USB Subsystem	System board USB controller , USB 3.1
Software	Operating System	Microsoft Windows 10 Pro 64bit
	Printing Application	Adobe acrobat DC
		Microsoft Office Excel2016
		Microsoft Office Word2016
	Print Driver	Ver.3.01.00
	Test Files Location	Office Category files, SSD
Printing Device Connection	USB	USB 3.0

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)
Color	Simplex Average	5.19
	Duplex Average	8.71
B&W mode	Simplex Average	5.20
	Duplex Average	8.63

Notes
・All printing device and print driver setting were default mode.
・For the B&W result, the print driver was set to"Grayscale"
・This throughput in simplex printing is measured with "Auto(Long-edge binding)" turned off.

Full Report

			PDF (sec)	Word (sec)	Excel (sec)	Average (sec)	Delay Time
Color	Simplex	Ready FPOT	5.08	5.36	5.11	5.19	50sec
		Sleep FPOT	7.48				11min
		Recovery Time	2.40				
		OFF FPOT	18.78				
		Warm-up Time	13.70				
	Duplex	Ready FPOT	8.57	8.83	8.72	8.71	50sec
B&W mode	Simplex	Ready FPOT	5.03	5.29	5.27	5.20	50sec
		Sleep FPOT	7.37				11min
		Recovery Time	2.34				
		OFF FPOT	18.73				
		Warmup Time	13.70				
	Duplex	Ready FPOT	8.53	8.73	8.63	8.63	50sec

Notes
・All printing device and print driver setting were default mode.
・For the B&W result, the print driver was set to"Grayscale"
・This throughput in simplex printing is measured with "Auto(Long-edge binding)" turned off.
・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	2023/12/1 . 8:40
Tester	S.Marumo
Color or B/W	Color Printing device
Configuration (Option)	Optional cassette installed(Optional Single Cassette+Optional Dual Cassette)
Temperature and Humidity	22.5℃ / 42.0 %
Voltage	104.8V
Test End Date and Time	2023/12/5 . 15:30

Modes and Settings	Print Quality mode	Default
	B&W settings	Activated (Driver, select"Grayscale")
Paper	Paper sending direction	Short edge feed
	Paper type setting	Default
Paper path	Paper feeding	Auto Select (Paper Cassette 1)
	Paper exit	Output tray
	Output orientation	Default (Face down)
	Duplexing unit	Default

Paper	Manufacturer	Xerox Corporation
	Weight	75g/m2
	Size	Letter
	Paper type/Name	3R02047

Test system parameters

Test system	Computer	Lenovo Think Pad P1 Gen2
	Processor	Intel ® Core™ i7-9750H Processor (2.60GHz, 12MB)
	System Chip Set	Intel ® CM246 Chip Set
	System Board	LENOVO:20QUS1VR00 BIOS :N2OET42W(1.29)
	System Memory	16GB(PC4-21300 DDR4 SODIMM)
	HDD or SSD Subsystem	M.2 PCIe NVMe SSD 512GB
	Video system	NVIDIA Quadro T1000
	I/O Subsystem	USB mouse
	USB Subsystem	System board USB controller , USB 3.1
Software	Operating System	Microsoft Windows 10 Pro 64bit
	Printing Application	Adobe acrobat DC
		Microsoft Office Excel2016
		Microsoft Office Word2016
	Print Driver	Ver.3.01.00
	Test Files Location	Office Category files, SSD
Printing Device Connection	USB	USB 3.0

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)
Color	Simplex Average	5.18
	Duplex Average	8.62
B&W mode	Simplex Average	5.16
	Duplex Average	8.57

Notes
・All printing device and print driver setting were default mode.
・For the B&W result, the print driver was set to"Grayscale"
・This throughput in simplex printing is measured with Auto(Long-edge binding) turned off.

Full Report

			PDF (sec)	Word (sec)	Excel (sec)	Average (sec)	Delay Time
Color	Simplex	Ready FPOT	5.04	5.31	5.19	5.18	50sec
		Sleep FPOT	7.43				11min
		Recovery Time	2.39				
		OFF FPOT	18.70				
		Warm-up Time	13.66				
	Duplex	Ready FPOT	8.54	8.70	8.60	8.62	50sec
B&W mode	Simplex	Ready FPOT	5.01	5.30	5.16	5.16	50sec
		Sleep FPOT	7.42				11min
		Recovery Time	2.41				
		OFF FPOT	18.71				
		Warmup Time	13.70				
	Duplex	Ready FPOT	8.44	8.65	8.62	8.57	50sec

Notes
・All printing device and print driver setting were default mode.
・For the B&W result, the print driver was set to"Grayscale"
・This throughput in simplex printing is measured with Auto(Long-edge binding) turned off.
・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 24734 Office Category Tests)

Model

Printing device and test setting

Test Start Date and Time	2023/11/28 . 11:10
Tester	S.Marumo
Color or B/W	Color Printing device
Default output order	Original
Configuration (Option)	Optional cassette installed(Optional Single Cassette+Optional Dual Cassette)
Temperature and Humidity	23.1℃ / 44.1 %
Voltage	105.6V
Test End Date and Time	2023/11/29 . 13:55

Modes and Settings	Print Quality mode	Default
	B&W settings	Activated (Printer Driver, select''Grayscale'')
	Setting N set count	Activated (Application, select ''count up'' or ''count down'')
	Collating function	Activated (Printer Driver, select ''collate'')
	In order output	Default (Original)
Paper	Paper sending direction	short edge feed
	Paper type setting	Plain Paper
Paper path	Paper feeding	Auto Select (Paper Cassette 1)
	Paper exit	Output tray
	Output orientation	Default (Face down)
	Duplexing unit	Default

Paper	Manufacturer	FUJIFILM Business Innovation Corp.
	Weight	64g/m2
	Size	A4
	Paper type/Name	ZGAA0535

Test system parameters

Test system	Computer	Lenovo Think Pad P1 Gen2
	Processor	Intel ® Core™ i7-9750H Processor (2.60GHz, 12MB)
	System Chip Set	Intel ® CM246 Chip Set
	System Board	LENOVO:20QUS1VR00 BIOS :N2OET42W(1.29)
	System Memory	16GB(PC4-21300 DDR4 SODIMM)
	HDD or SSD Subsystem	M.2 PCIe NVMe SSD 512GB
	Video system	NVIDIA Quadro T1000
	I/O Subsystem	USB mouse
	USB Subsystem	System board USB controller , USB 3.1
Software	Operating System	Microsoft Windows 10 Pro 64bit
	Printing Application	Adobe acrobat DC
		Microsoft Office Excel2016
		Microsoft Office Word2016
	Print Driver	Ver.3.01.00
	Test Files Location	Office Category files, SSD
Printing Device Connection	USB	USB 3.0

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 [s]	ESAT [ppm/ipm]
Output order	Simplex	Original	Original
	Duplex	Original	Original
Color (Default)	Simplex Average	8.16	58.03
	Duplex Average	10.68	58.09
B&W mode	Simplex Average	8.03	58.09
	Duplex Average	10.70	58.09

Notes
·All printing device and print driver setting were default mode.
·For the B&W result, the print driver was set to''Grayscale''
·For the duplex result, the print driver was set to ''Auto(Long-edge binding)'' in ''2-sided printing''

Full Report

Office Category Test			Default order FSOT [s]	EFTP [ppm/ipm] 1set test Default order	EFTP [ppm/ipm] 1set+30 seconds (# sets)	EFTP [ppm/ipm] 1 set+4 minutes (# sets)	ESAT [ppm/ipm]
Output order	Simplex		Original	Original	Original	Original	Original
	Duplex		Original	Original	Original	Original	Original
Color (Default)	Simplex	PDF	8.00	30.01	52.51 (9 set)	54.60 (57 set)	58.08
		Word	8.23				58.00
		Excel	8.24				58.03
		Average	8.16				58.03
	Duplex	PDF	10.64	22.56	49.27 (9 set)		58.11
		Word	10.75				58.09
		Excel	10.64				58.08
		Average	10.68				58.09

Office Category Test			Default order FSOT [s]	EFTP [ppm/ipm] 1set test Default order	EFTP [ppm/ipm] 1set+30 seconds (# sets)	EFTP [ppm/ipm] 1 set+4 minutes (# sets)	ESAT [ppm/ipm]
Output order	Simplex		Original	Original	Original	Original	Original
	Duplex		Original	Original	Original	Original	Original
B&W mode	Simplex	PDF	7.84	30.61	52.68 (9 set)	54.61 (57 set)	58.08
		Word	8.11				58.09
		Excel	8.13				58.10
		Average	8.03				58.09
	Duplex	PDF	10.67	22.48	49.37 (9 set)		58.10
		Word	10.76				58.10
		Excel	10.66				58.07
		Average	10.70				58.09

Notes
·All printing device and print driver setting were default mode.
·For the B&W result, the print driver was set to''Grayscale''
·For the duplex result, the print driver was set to ''Auto(Long-edge binding)'' in ''2-sided printing''
·Annex D was used to establish ready delay time (ready delay time: 50s).

Full detailed report

(ISO/IEC 24734 Office Category Tests)

Model

Printing device and test setting

Test Start Date and Time	2023/11/29 . 14:10
Tester	S.Marumo
Color or B/W	Color Printing device
Default output order	Original
Configuration (Option)	Optional cassette installed(Optional Single Cassette+Optional Dual Cassette)
Temperature and Humidity	22.5℃ / 45.7 %
Voltage	106.6V
Test End Date and Time	2023/11/30 . 13:25

Modes and Settings	Print Quality mode	Default
	B&W settings	Activated (Printer Driver, select''Grayscale'')
	Setting N set count	Activated (Application, select ''count up'' or ''count down'')
	Collating function	Activated (Printer Driver, select ''collate'')
	In order output	Default (Original)
Paper	Paper sending direction	short edge feed
	Paper type setting	Plain Paper
Paper path	Paper feeding	Auto Select (Paper Cassette 1)
	Paper exit	Output tray
	Output orientation	Default (Face down)
	Duplexing unit	Default

Paper	Manufacturer	Xerox Corporation
	Weight	75g/m2
	Size	Letter
	Paper type/Name	3R02047

Test system parameters

Test system	Computer	Lenovo Think Pad P1 Gen2
	Processor	Intel ® Core™ i7-9750H Processor (2.60GHz, 12MB)
	System Chip Set	Intel ® CM246 Chip Set
	System Board	LENOVO:20QUS1VR00 BIOS :N2OET42W(1.29)
	System Memory	16GB(PC4-21300 DDR4 SODIMM)
	HDD or SSD Subsystem	M.2 PCIe NVMe SSD 512GB
	Video system	NVIDIA Quadro T1000
	I/O Subsystem	USB mouse
	USB Subsystem	System board USB controller , USB 3.1
Software	Operating System	Microsoft Windows 10 Pro 64bit
	Printing Application	Adobe acrobat DC
		Microsoft Office Excel2016
		Microsoft Office Word2016
	Print Driver	Ver.3.01.00
	Test Files Location	Office Category files, SSD
Printing Device Connection	USB	USB 3.0

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 [s]	ESAT [ppm/ipm]
Output order	Simplex	Original	Original
	Duplex	Original	Original
Color (Default)	Simplex Average	8.04	57.93
	Duplex Average	10.65	58.07
B&W mode	Simplex Average	7.96	57.92
	Duplex Average	10.62	58.12

Notes
·All printing device and print driver setting were default mode.
·For the B&W result, the print driver was set to''Grayscale''
·For the duplex result, the print driver was set to ''Auto(Long-edge binding)'' in ''2-sided printing''

Full Report

Office Category Test			Default order FSOT [s]	EFTP [ppm/ipm] 1set test Default order	EFTP [ppm/ipm] 1set+30 seconds (# sets)	EFTP [ppm/ipm] 1 set+4 minutes (# sets)	ESAT [ppm/ipm]
Output order	Simplex		Original	Original	Original	Original	Original
	Duplex		Original	Original	Original	Original	Original
Color (Default)	Simplex	PDF	7.87	30.49	52.63 (9 set)	54.62 (57 set)	57.94
		Word	8.17				57.90
		Excel	8.06				57.97
		Average	8.04				57.93
	Duplex	PDF	10.62	22.60	49.35 (9 set)		58.03
		Word	10.79				58.10
		Excel	10.54				58.09
		Average	10.65				58.07

Office Category Test			Default order FSOT [s]	EFTP [ppm/ipm] 1set test Default order	EFTP [ppm/ipm] 1set+30 seconds (# sets)	EFTP [ppm/ipm] 1 set+4 minutes (# sets)	ESAT [ppm/ipm]
Output order	Simplex		Original	Original	Original	Original	Original
	Duplex		Original	Original	Original	Original	Original
B&W mode	Simplex	PDF	7.75	30.96	52.59 (9 set)	54.62 (57 set)	57.78
		Word	8.09				57.98
		Excel	8.03				58.01
		Average	7.96				57.92
	Duplex	PDF	10.54	22.78	49.38 (9 set)		58.08
		Word	10.65				58.11
		Excel	10.65				58.17
		Average	10.62				58.12

Notes
·All printing device and print driver setting were default mode.
·For the B&W result, the print driver was set to''Grayscale''
·For the duplex result, the print driver was set to ''Auto(Long-edge binding)'' in ''2-sided printing''
·Annex D was used to establish ready delay time (ready delay time: 50s).

Full detailed report

(ISO/IEC 24735 General Performance Test)

Model

Machine Setup Information

Test Start Date and Time	2023/12/7 . 14:25
Tester	S.Marumo
Color or B/W	Color copying device
Configuration (Option)	Optional cassette installed(Optional Single Cassette+Optional Dual Cassette)
Temperature and Humidity	22.5℃ / 47.2 %
Voltage	105.1V
Test End Date and Time	2023/12/8 . 17:05

	Pre-set item	Pre-set value
Mode	Output resolution	Default
	Output Quality	Default
	Copying mode	Default
	Auto density adjustment	Default
	Collating function	Activated (tests with copy set count >= 2) Default (tests with copy set count = 1)
Paper	Paper sending direction	Short edge feed
	Paper type setting	Default
Paper path	Paper feeding	Auto (C1)
	Paper exit	Standard exit tray
	Face up exit	Default (Face down)
	Duplex copying unit	Default (used in 1:2 mode and 2:2 mode)
Temporary stop	N/A	N/A

Paper	Manufacturer	FUJIFILM Business Innovation Corp.
	Weight	64g/m2
	Size	A4
	Paper type/Name	ZGAA0535

Summary Report

	Copying mode	FSOT [seconds]	ESAT [ipm]
Color	1:1 (Simplex : Simplex)	10.20	58.06
	1:2 (Simplex : Duplex)	14.10	58.11
	2:2 (Duplex : Duplex)	12.67	58.15
B&W	1:1 (Simplex : Simplex)	10.16	58.10
	1:2 (Simplex : Duplex)	14.05	58.07
	2:2 (Duplex : Duplex)	12.58	58.05

1) All device settings were default mode.
2) For the B&W results, the copy colour was set to “B&W”.
3) A4 paper was used for this test, Short edge feed.
4) 1 set output order: Original order.
5) Productivity has been determined in accordance with ISO/IEC 24735.

Full Report

Color mode	FSOT [seconds]	EFTP [ipm]			ESAT [ipm]
		1set test	1set+30 seconds (# sets)	1 set+4 minutes (# sets)	
1:1 (Simplex : Simplex)	10.20	23.53	49.91 (9 sets)	54.13 (57 sets)	58.06
1:2 (Simplex : Duplex)	14.10	17.01	45.75 (9 sets)	53.30 (57 sets)	58.11
2:2 (Duplex : Duplex)	12.67	18.94	47.31 (9 sets)	53.60 (57 sets)	58.15

B&W mode	FSOT [seconds]	EFTP [ipm]			ESAT [ipm]
		1set test	1set+30 seconds (# sets)	1 set+4 minutes (# sets)	
1:1 (Simplex : Simplex)	10.16	23.61	49.98 (9 sets)	54.14 (57 sets)	58.10
1:2 (Simplex : Duplex)	14.05	17.08	45.84 (9 sets)	53.31 (57 sets)	58.07
2:2 (Duplex : Duplex)	12.58	19.08	47.25 (9 sets)	53.63 (57 sets)	58.05

1) All device settings were default mode.
2) For the B&W results, the copy colour was set to “B&W”.
3) A4 paper was used for this test, Short edge feed.
4) 1 set output order: Original order.
5) Productivity has been determined in accordance with ISO/IEC 24735.
6) Annex D was used to establish ready delay time (ready delay time:50s).

Full detailed report

(ISO/IEC 24735 General Performance Test)

Model

Machine Setup Information

Test Start Date and Time	2023/12/11 . 10:20
Tester	S.Marumo
Color or B/W	Color copying device
Configuration (Option)	Optional cassette installed(Optional Single Cassette+Optional Dual Cassette)
Temperature and Humidity	22.5℃ / 43.9 %
Voltage	105.3V
Test End Date and Time	2023/12/11 . 15:00

	Pre-set item	Pre-set value
Mode	Output resolution	Default
	Output Quality	Default
	Copying mode	Default
	Auto density adjustment	Default
	Collating function	Activated (tests with copy set count >= 2) Default (tests with copy set count = 1)
Paper	Paper sending direction	Short edge feed
	Paper type setting	Default
Paper path	Paper feeding	Auto (C1)
	Paper exit	Standard exit tray
	Face up exit	Default (Face down)
	Duplex copying unit	Default (used in 1:2 mode and 2:2 mode)
Temporary stop	N/A	N/A

Paper	Manufacturer	Xerox Corporation
	Weight	75g/m2
	Size	Letter
	Paper type/Name	3R02047

Summary Report

	Copying mode	FSOT [seconds]	ESAT [ipm]
Color	1:1 (Simplex : Simplex)	10.49	58.05
	1:2 (Simplex : Duplex)	14.30	58.04
	2:2 (Duplex : Duplex)	12.53	58.06
B&W	1:1 (Simplex : Simplex)	10.41	58.00
	1:2 (Simplex : Duplex)	14.30	58.18
	2:2 (Duplex : Duplex)	12.45	58.08

1) All device settings were default mode.
2) For the B&W results, the copy colour was set to “B&W”.
3) Letter paper was used for this test, Short edge feed.
4) 1 set output order: Original order.
5) Productivity has been determined in accordance with ISO/IEC 24735.

Full Report

Color mode	FSOT [seconds]	EFTP [ipm]			ESAT [ipm]
		1set test	1set+30 seconds (# sets)	1 set+4 minutes (# sets)	
1:1 (Simplex : Simplex)	10.49	22.87	49.55 (9 sets)	54.09 (57 sets)	58.05
1:2 (Simplex : Duplex)	14.30	16.78	45.57 (9 sets)	(57 sets)	58.04
2:2 (Duplex : Duplex)	12.53	19.15	47.33 (9 sets)	(57 sets)	58.06

B&W mode	FSOT [seconds]	EFTP [ipm]			ESAT [ipm]
		1set test	1set+30 seconds (# sets)	1 set+4 minutes (# sets)	
1:1 (Simplex : Simplex)	10.41	23.06	49.65 (9 sets)	54.09 (57 sets)	58.00
1:2 (Simplex : Duplex)	14.30	16.77	45.57 (9 sets)	53.27 (57 sets)	58.18
2:2 (Duplex : Duplex)	12.45	19.28	47.46 (9 sets)	(57 sets)	58.08

1) All device settings were default mode.
2) For the B&W results, the copy colour was set to “B&W”.
3) Letter paper was used for this test, Short edge feed.
4) 1 set output order: Original order.
5) Productivity has been determined in accordance with ISO/IEC 24735.
6) Annex D was used to establish ready delay time (ready delay time:50s).

Full detailed report

(ISO/IEC 29183)

Model

Machine setting

Test Start Date and Time	2023/12/7 . 8:50
Tester	S.Marumo
Color or B/W	Color MFD
Configuration (Option)	Optional cassette installed(Optional Single Cassette+Optional Dual Cassette)
Temperature	22.4 ℃
Humidity	46.6 %
Voltage	105.1V
Test End Date and Time	2023/12/8 . 11:35

	Pre-set item	Pre-set value
Mode	Output resolution	Default
	Output Quality	Default
	Copying mode	Default
	Auto density adjustment	N/A
	Collating function	N/A
Paper	Paper sending direction	Short edge
	Paper type setting	Plain Paper
Paper path	Paper feeding	Auto Select (C1)
	Paper exit	Standard exit tray
	Output orientation	Default (Face down)
Temporary stop	N/A	N/A

Paper	Manufacturer	FUJIFILM Business Innovation Corp.
	Weight	64g/m2
	Size	A4
	Paper type/Name	ZGAA0535

Summary Report

	sFCOT [s]	sESAT [ipm]
Color	6.81	57.52
B&W	6.77	57.52

NOTES

・All device settings were default mode.

・For the B&W results, the copy color was set to “B&W”.

・A4 paper was used for this test, Short edge feed.

・Productivity has been determined in accordance with ISO/IEC 29183.

Full Report

	Target	sFCOT[s]					sEFTP [ipm]		sESAT
		Ready	Sleep	Recovery time	Off	Warm-up time	1Copy	1Copy+30 seconds (# copies)	1Copy+4 minutes (# copies)	[ipm]
Color	A	6.77	12.53	5.76	24.92	18.15	8.86	48.47 30 copies	54.15 225 copies	57.52
	B	6.82					8.79	48.52 30 copies		57.45
	C	6.86					8.74	48.64 30 copies		57.52
	D	6.79					8.83	48.57 30 copies		57.60
	Average	6.81					8.80	48.55		57.52
B&W	A	6.80	12.43	5.63	25.11	18.31	8.82	48.71 30 copies	54.16 225 copies	57.49
	B	6.73					8.92	48.78 30 copies		57.56
	C	6.77					8.86	48.65 30 copies		57.49
	D	6.78					8.85	48.71 30 copies		57.55
	Average	6.77					8.86	48.71		57.52

NOTES

・All device settings were default mode.

・For the B&W results, color was set to “B&W”.

・A4 paper was used for this test, Short edge feed.

・Productivity has been determined in accordance with ISO/IEC 29183.

・Annex D was used to establish ready delay time (ready delay time: 50s).

Full detailed report

(ISO/IEC 29183)

Model

Machine setting

Test Start Date and Time	2023/12/5 . 16:20
Tester	S.Marumo
Color or B/W	Color MFD
Configuration (Option)	Optional cassette installed(Optional Single Cassette+Optional Dual Cassette)
Temperature	22.5 ℃
Humidity	43.9 %
Voltage	105.2V
Test End Date and Time	2023/12/6 . 16:25

	Pre-set item	Pre-set value
Mode	Output resolution	Default
	Output Quality	Default
	Copying mode	Default
	Auto density adjustment	N/A
	Collating function	N/A
Paper	Paper sending direction	Short edge
	Paper type setting	Plain Paper
Paper path	Paper feeding	Auto Select (C1)
	Paper exit	Standard exit tray
	Output orientation	Default (Face down)
Temporary stop	N/A	N/A

Paper	Manufacturer	Xerox Corporation
	Weight	75g/m2
	Size	Letter
	Paper type/Name	3R02047

Summary Report

	sFCOT [s]	sESAT [ipm]
Color	6.62	57.50
B&W	6.58	57.49

NOTES

・All device settings were default mode.

・For the B&W results, the copy color was set to “B&W”.

・Letter paper was used for this test, Short edge feed.

・Productivity has been determined in accordance with ISO/IEC 29183.

Full Report

	Target	sFCOT[s]					sEFTP [ipm]		sESAT
		Ready	Sleep	Recovery time	Off	Warm-up time	1Copy	1Copy+30 seconds (# copies)	1Copy+4 minutes (# copies)	[ipm]
Color	A	6.64	12.32	5.68	25.04	18.40	9.03	48.65 30 copies	54.15 225 copies	57.53
	B	6.58					9.11	48.79 30 copies		57.46
	C	6.64					9.04	48.84 30 copies		57.52
	D	6.62					9.06	48.87 30 copies		57.50
	Average	6.62					9.06	48.78		57.50
B&W	A	6.52	12.32	5.80	24.92	18.40	9.20	48.86 30 copies	54.13 225 copies	57.51
	B	6.61					9.08	48.92 30 copies		57.57
	C	6.62					9.07	48.87 30 copies		57.45
	D	6.56					9.15	48.92 30 copies		57.45
	Average	6.58					9.12	48.89		57.49

NOTES

・All device settings were default mode.

・For the B&W results, color was set to “B&W”.

・Letter paper was used for this test, Short edge feed.

・Productivity has been determined in accordance with ISO/IEC 29183.

・Annex D was used to establish ready delay time (ready delay time: 50s).