

# 1. Appendices

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## General Specifications

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### Main Frame

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Configuration:	Desktop
Print Process:	Laser beam scanning & Dry electrostatic transfer system 4 drums tandem method
Number of scans:	1
Resolution:	Scan: 600 dpi Print: 600 dpi
Gradation:	Scan: 600dpi / 10bits/pixel Print: 600dpi / 4 bits/pixel
Original type:	Sheets, book, objects
Maximum original size:	A3/11" x 17"
Original reference position:	Left rear corner, ad hoc lists

Copy speed:	<p><b>Plain (ADF 1 to 1, LT/ A4 LEF)</b>  C3c: 45 cpm (color/black &amp; white)  C3d: 55 cpm (color/black &amp; white)</p> <p><b>Thick 1 (169 g/m<sup>2</sup> or less)</b>  C3c: 25 cpm (color/black &amp; white)  C3d: 25 cpm (color/black &amp; white)</p> <p><b>Thick 2 (220 g/m<sup>2</sup> or less)</b>  C3c: 17.5 cpm (color/black &amp; white) from Tray  C3d: 17.5 cpm (color/black &amp; white) from Tray</p> <p><b>Thick 3 (256 g/m<sup>2</sup> or less)</b>  C3c: 17.5 cpm (color/black &amp; white) from Tray  C3d: 17.5 cpm (color/black &amp; white) from Tray</p> <p><b>Thick 4 (300 g/m<sup>2</sup> or less)</b>  C3c: 15 cpm (color/black &amp; white) from By-pass  C3d: 15 cpm (color/black &amp; white) from By-pass</p> <p><b>OHP, Glossy (1200 dpi)</b>  C3c: 17.5 cpm (color/black &amp; white)  C3d: 17.5 cpm (color/black &amp; white)</p>
First copy (normal mode):	<p>C3c:  Color: 5.7 seconds or less (A4/LT LEF)  Black &amp; white: 3.6 seconds or less (A4/LT LEF)</p> <p>C3d:  Color: 4.8 seconds or less (A4/LT LEF)  Black &amp; white: 3.1 seconds or less (A4/LT LEF)</p>
Warm-up time:	<p>C3c: 22.1 seconds or less (23°C)  C3d: 24.1 seconds or less (23°C)</p>
Print Paper Capacity: (80 g/m <sup>2</sup> , 20 lb)	<p>Standard tray: 550 sheets x 2  By-pass tray: 100 sheets (Normal), 40 sheets (Thick 1: 106 – 169 g/m<sup>2</sup>), 20 sheets (Thick 2/3: 170 - 256 g/m<sup>2</sup>), 35 sheets (Postcard)  Optional paper feed tray: 550 sheets x 2  2000-sheet LCT: 2000 sheets  1200-sheet LCT: 1200 sheets</p>

Print Paper Size:	(Refer to "Supported Paper Sizes".)		
	-	Minimum	Maximum
	Tray 1	A4/8.5" x 11" (LEF)	
	Tray 2	A5 (LEF)/ 8.5" x 11"	A3/11" x 17"
	By-pass	90 x 148 mm	305 x 600 mm
	Optional Tray	A5 (LEF)/ 8.5" x 11"	A3/11" x 17"
	2000-sheet LCT	A4/8.5" x 11" (LEF)	
	1200-sheet LCT	B5 (LEF)/ 257 x 182mm	A4 (LEF)/ 297 x 210mm
	Envelope feeder	A6(SEF)/ Postcard	A4/LT(SEF)
Printing Paper Weight:	Standard tray: 60 to 256 g/m <sup>2</sup> (16 to 68 lb.) Optional paper tray: 60 to 256 g/m <sup>2</sup> (16 to 68 lb.) By-pass tray: 60 to 300 g/m <sup>2</sup> (16 to 79.8 lb.) Duplex unit: 60 to 169 g/m <sup>2</sup> (16 to 45 lb.) 1200-sheet LCT : 60 to 216 g/m <sup>2</sup> (10 to 571lb)		
Output Paper Capacity:	Standard exit tray: 500 sheets or more (face down)* <sup>1</sup> Shift Tray: 250 sheets (80 g/m <sup>2</sup> ) 1-bin Tray: 125 (80 g/m <sup>2</sup> ) 1000-sheet finisher 250 + 1000 sheets (80 g/m <sup>2</sup> ) 2000-sheet booklet finisher: 250 + 2000 sheets (80 g/m <sup>2</sup> ) 3000-sheet booklet finisher: 250 + 3000 sheets (80 g/m <sup>2</sup> ) *1: T6200, A4 LEF		
Continuous copy:	Up to 999 sheets		

Zoom:	Arbitrary: From 25 to 400% (1% step)		
	Fixed:		
	North America	Europe	
	25%	25%	
	50%	50%	
	65%	61%	
	73%	71%	
	78%	82%	
	85%	87%	
	93%	93%	
	100%	100%	
	121%	115%	
	129%	122%	
	155%	141%	
	200%	200%	
400%	400%		
Memory:	Standard: 2 GB		
Power Source:	120 V, 60 Hz: More than 12A (for North America) 110 V, 60 Hz: More than 20A (for Taiwan) 220 V – 240 V, 50/60 Hz: More than 8A (for Europe/Asia)		
Power Consumption:	-	110 - 120V	220 - 240V
	Maximum	1584 W or less	1700 W or less
	Sleep Mode	1.2 W or less	1.6 W or less

	Model	State	Mainframe	Complete system (* 1)
Noise Emission: (Sound Power Level)	C3c	Standby	40 dB(A) or Less	49 dB(A) or Less
		Operating	B/W: 71.8 dB(A) or Less	-
			Color: 71.5 dB(A) or Less	Color: 74 dB(A) or Less
	C3d	Standby	40 dB(A) or Less	52 dB(A) or Less
		Operating	B/W: 72 dB(A) or Less	-
			Color: 72 dB(A) or Less	Color: 76 dB(A) or Less
(* 1) The complete system consists of mainframe, ARDF, finisher, and LCT. The above measurements were made in accordance with Ricoh standard methodology.				
Dimensions (W x D x H): Copier: 670 x 682 x 760 mm (26.4" x 26.9" x 29.9") or less Copier + PFU or LCT* <sup>1</sup> : 670 x 682 x 1020 mm (26.4" x 26.9" x 40.2") or less				
(* 1) with the two tray paper feed unit with the stabilizers				
Weight:	Less than 130 kg (287 lb.) [with ARDF excluding toner] Less than 133 kg (293 lb.) [with 1-Pass ADF excluding toner]			

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**Printer**


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Printer Languages:	<p>PCL 6(XL)/5c</p> <p>RPCS (Refined Printing Command Stream)</p> <p>Adobe PostScript 3 (Optional)</p> <p>PDF Direct</p> <p>IPDS (Optional)</p> <p>PictBridge (Optional)</p> <p>MediaPrint: JPEG/TIFF</p>
Resolution and Gradation:	<p>PCL 5c:</p> <p>300 x 300 dpi : Available only in B/W mode</p> <p>600 x 600 dpi : Fast (1 bit), Standard (2 bits), Fine (4 bits)</p> <p>PCL 6:</p> <p>600 x 600 dpi : Fast (1 bit), Standard (2 bits), Fine (4 bits) /</p> <p>1200 x 1200 dpi</p> <p>RPCS:</p> <p>600 x 600 dpi, 1,800 x 600 dpi*, 9600 dpi x 600 dpi*</p> <p>* 1,800 x 600 dpi = 600 x 600 dpi (2 bits)</p> <p>*9600 dpi x 600 dpi* = 600 x 600 dpi (4 bits)</p> <p>PS3:</p> <p>600 x 600 dpi : Fast (1 bit), Standard (2 bits), Fine (4 bits)</p>
Printing speed:	<p>C3c:</p> <p>45 ppm in Plain/Middle Thick mode</p> <p>17.5 ppm in Thick/OHP mode (depending on paper type)</p> <p>C3d:</p> <p>55 ppm in Plain mode</p> <p>25 ppm in Middle Thick mode</p> <p>17.5 ppm in Thick/OHP mode (depending on paper type)</p>

Resident Fonts:	<p>PCL 6(XL)/5c (Standard):</p> <p>45 Compatible fonts</p> <p>13 International fonts</p> <p>Adobe PostScript 3 (Optional):</p> <p>136 fonts (24 Type 2 fonts, 112 Type 14 fonts)</p> <p>IPDS (Optional):</p> <p>108 fonts</p>
Host Interfaces:	<p>USB2.0 Type A and Type B: Standard</p> <p>Ethernet (100 Base-TX/10 Base-T): Standard</p> <p>Gigabit Ethernet (1000 Base-T): Optional</p> <p>IEEE1284 parallel x 1: Optional</p> <p>IEEE802.11a/g (Wireless LAN): Optional</p> <p>Bluetooth (Wireless): Optional</p>
Network Protocols:	TCP/IP (IPv4, IPv6), IPX/SPX, AppleTalk (Auto Switching)

## Scanner

Standard Scanner Resolution:	<p>Main scan/Sub scan</p> <p>600 dpi</p>
Available scanning Resolution Range:	<p>Twain Mode:</p> <p>100 to 1200 dpi</p> <p>Delivery Mode:</p> <p>100/200/300/400/600 dpi (default: 200 x 200)</p>
Grayscales:	1 bit or 8 bits/pixel each for RGB
Scanning Throughput (ARDF mode):	<p>Scan to E-mail / Folder:</p> <p>BW: 67 ipm (A4LEF / BW Text / Line Art / 200dpi / 300dpi)</p> <p>FC: 67 ipm (A4LEF / FC Text / Photo / 200dpi / 300dpi)</p>

Scanning Throughput (1 Pass ADF mode):	Scan to E-mail / Folder: <b>Simplex Scanning</b> BW: 85 ipm (A4LEF / BW Text / Line Art / 200dpi / 300dpi) FC: 85 ipm (A4LEF / FC Text / Photo / 200dpi / 300dpi) <b>Duplex Scanning</b> BW: 116 ipm (A4LEF / BW Text / Line Art / 200dpi / 300dpi) FC: 116 ipm (A4LEF / FC Text / Photo / 200dpi / 300dpi)
Interface:	Ethernet (100 Base-TX/10 Base-T/1000 Base-T for TCP/IP), Wireless LAN, Giga Ethernet, USB 2.0 Type A, SD-card slot
Compression Method:	B&W: TIFF (MH, MR, MMR) Gray Scale, Full Color: JPEG

### 1 Pass ADF (1 Pass Model only)

System	Single pass duplex document feeder		
Paper Size/Weight:	Simplex	Size	A3 to A5, DLT to HLT
		Weight	40 to 128 g/m <sup>2</sup> (11 to 34 lb.)
	Duplex	Size	A3 to A5, DLT to HLT
		Weight	52 to 128 g/m <sup>2</sup> (14 to 34 lb.)
Table Capacity:	100 sheets (81.4 g/m <sup>2</sup> , 22 lb)		
Original Standard Position:	Rear left corner		
Separation:	Feed belt and separation roller		
Original Transport:	Roller transport		
Original Feed Order:	From the top original		
Supported Magnification Ratios:	Front	50 to 200 %	
	Rear	Electrical magnification ratio	
Power Source:	DC 24V, 12V, 5V from the scanner unit		
Power Consumption:	Less than 90W		

Dimensions (W x D x H):	578 mm x 520 mm x 170 mm (22.8"x20.5"x6.7")
Weight:	Less than 16 kg (35.3 lb.)

