Aficio®

3228C/3235C/3245C

High Performance,
All-in-One Color Solutions
for Small to Medium Workgroups

PRINT

COPY

SCAN

FAX

RICOH®

General Specifications

Aficio 3228C/Aficio 3235C/Aficio 3245C

Resolution:	Copy: 600 dpi
	Print: Up to 1,200 x 1,200 dpi
	Scan: 600 dpi / 256 gradations
Copy Size:	11" x 17" maximum
	(full bleed on 12" x 18")
Paper Sizes:	**First Paper Tray:** 8.5" x 11"
	Second Paper Tray/Paper Bank: 11" x 17", 8.5" x 14", 8.5" x 11", 7.25" x 10.5", 8" x 13", 8.25" x 13", 8.5" x 13"
	Bypass Tray: 5.5" x 8.5", 12" x 18"
	Large Capacity Tray: 8.5" x 11"
	Custom Paper Sizes: Width: 3.5" to 12" (90 – 305mm); Length: 5.8" to 18" (148-457.2mm); 23.6" (600mm) for Fax/Printer; 18" (457.2mm) for Copy/Document Server
Warm-up Time:	Less than 99 seconds
First Copy Time:	3228C/3235C: Black & white: 8 seconds
	Full-color: 10 seconds
	3245C: Black & white: 6 seconds,
	Full-color: 8 seconds
Copy/Print Speed:	3228C: 28/24 PPM (Black & white/Full-color)
	3235C: 35/28 PPM (Black & white/Full-color)
	3245C: 45/35 PPM (Black & white/Full-color)
Exposure Glass:	Up to 11" x 17" (sheet/book/object)
Document Feeder:	Automatic Reversing Document Feeder (ARDF)
	Original Size: Simplex/Duplex: 5.5" x 8.5" to 11" x 17"
	Original Weight: Simplex: 11 lb. to 34 lb. bond (40 – 128 g/m²) Duplex: 14 lb. to 28 lb. bond (52 – 105 g/m²)
	Stack Capacity: 80 Sheets (20 lb. bond)
Multiple Copies:	Up to 999
Input Capacity:	Standard: 2 x 500 sheets plus 100-sheet bypass tray
	Maximum: 3,100 sheets
Output Capacity:	Standard: 500 sheets plus 100-sheet face-up output tray
	Maximum: 2,600 sheets (with Multi Tray Finisher)
Paper Weights:	Trays, Duplex Unit, Paper Banks: 16 to 28 lb. bond (60 – 105 g/m²)
	Bypass Tray: 16 lb. bond to 90 lb. index (60 – 163 g/m²)
Paper Types:	Plain paper, laser printer qualified transparencies, and labels
Reproduction Ratios:	7 reductions and 5 enlargement, 400%, 200%, 155%, 129%, 121%, 100%, 93%, 85%, 78%, 73%, 65%, 50%, 25%
Zoom:	25% – 400% in 1% increments
Auto Duplex:	Standard
Hard Disk Drive:	80GB (2 x 40GB) (shared)
RAM:	1GB (shared)
Dimensions (WxDxH):	26.4" x 27.5" x 33.8" (670 x 698 x 859mm)
Weight:	Approximately 264 lbs. (120kg)
Power Requirements:	120V 12A 60Hz
Power Consumption:	1,440 watts or less
Energy Saver Mode:	45 watts or less

Printer Controller Specifications [Standard]

CPU:	RM7065C 600MHz
RAM:	1GB (shared)
Page Description Languages:	PCL 5c, PCL 6, RPCS (standard); Genuine Adobe PostScript 3/PDF Direct Print (Optional)
Standard Interfaces:	10BaseT/100BaseTX Ethernet (RJ-45), USB 2.0 High Speed
Optional Interfaces:	IEEE 802.11b Wireless LAN Type H, IEEE 1284 Parallel Type A, IEEE 1394 Type B, and Bluetooth Type 3245
Network/OS:	Windows 95.98SE/ME/NT/2000/XP/Server 2003 NetWare 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6 UNIX; Sun Solaris; HP-UX; SCO OpenServer; RedHat Linux; IBM AIX, Mac OS 8.6 – 9.2x, OS X 10.1 or later
Network Protocols:	TCP/IP; IPX/SPX; SMB; AppleTalk (auto switching)
Utilities:	SmartDeviceMonitor for Administrator and Client, Web SmartDeviceMonitor, Web Image Monitor, DeskTopBinder Lite, and Printer Utility for MAC (w/ Adobe PostScript option)

Security Specifications

Security Features
DataOverwriteSecurity System (DOSS) Type D: (Optional): Security feature that overwrites latent data on the system's hard drive after copy, scan, fax, and print jobs.
Other Security Features: SNMP v3 Authentication and Data Encryption (password/address book encryption); PDF Direct Print Password Protection; Locked (Secure) Print; User Codes; User Authentication

Scanner Specifications

Scanner Resolution:	Monochrome mode: From 100 dpi to 600 dpi (1,200 dpi for TWAIN)	
	Full-color mode: From 100 dpi to 600 dpi	
	Default setting: 200 dpi	
Scanning Speed:	Scan to E-mail / Folder:	Monochrome mode: 50 spm
		Full-color mode: 35 spm
	Network TWAIN	Monochrome mode: 36 spm
		Full-color mode: 20 spm
Scan Area:	Main Scan: 297mm, Sub Scan: 432mm	
Scan Size:	Original Sizes: 5.5" x 8.5" to 11" x 17"	
Scan Mode:	Standard: B&W Text; B&W OCR; B&W Text/Photo; B&W Photo; B&W Grayscale; Full Color Photo; Full Color Text	
	Optional: Auto Color Selection (with optional File Format Converter)	
Image Adjustment:	Brightness; Contrast; Threshold; Gamma Adjustment; Halftone Pattern	
File Formats:	Black and white:	TIFF (Single/Multi Page)
		PDF (Single/Multi Page)
	Grayscale/Full color:	JPEG (Single Page)
		PDF (Single/Multi Page)
Scan-to modes:	Scan-to-Email (with LDAP support), Scan-to-Folder (SMB/FTP), Network TWAIN scanning	

Document Server Specifications

Capacity:	80GB (2 x 40GB)
Max. Stored Documents:	2,000
Max. Pages/Document:	1,000
Max. Pages of All Stored Documents:	9,000

Facsimile Specifications [Optional]

Fax Unit Type 3245

Type:	ITU-T G3
Circuit:	PSTN, PBX
Resolution:	200 x 100 dpi; 200 x 200 dpi; 400 x 400 dpi (optional with SAF memory)
Modem Speed:	33,600 bps – 2,400 bps with automatic shift down
Transmission Speed:	2.0 seconds (Based on ITU-T Test chart #1 in standard resolution, JBIG compression)
Scan Speed:	0.86 seconds (A4, any mode)
Compression Method:	MH/MR/MMR/JBIG
Auto Dials:	2,000 Quick Dials; 100 Groups Dials (500 locations each)
Memory Capacity:	4MB (320 pages); Maximum 28MB (2,240 pages)
Additional Modes Supported:	Internet Fax by E-mail (T.37), IP Fax (T.38) LAN Fax, Fax Forwarding to E-mail, Fax Reception notice via E-mail, Fax Transmission notice via E-mail
Options:	Additional G3 Fax Line Type 3245 (up to 2 additional), Fax SAF Memory (32 MB), Handset Type 1018

Hardware Accessories

PS580 1-Tray Paper Bank*

Paper Size:	5.5" x 8.5" to 11" x 17"
Paper Weight:	16 to 28 lb. bond (60 – 105 g/m²)
Stack Capacity:	500 sheets

PS590 2-Tray Paper Bank*

Paper Size:	5.5" x 8.5" to 11" x 17"
Paper Weight:	16 to 28 lb. bond (60 – 105 g/m²)
Stack Capacity:	2 trays x 500 sheets

PS600 Large Capacity Tray*

Paper Size:	8.5" x 11"
Paper Weight:	16 to 28 lb. bond (60 – 105 g/m²)
Stack Capacity:	2 tandem trays x 1,000 sheets

FAC28 Cabinet*

*Please note either the Cabinet Stand or one of the paper options must be selected.

PT460 Multi-Bin

Number of Bins:	2 bins
Paper Size:	8.5" x 11" to 11" x 17"
Paper Weight:	16 to 18 lb. bond (60 – 105 g/m²)
Stack Capacity:	Tray 1: 100 sheets, Tray 2: 250 sheets

SR960 Multi Tray Finisher

Paper Sizes:	8.5" x 11" to 11" x 17"
Paper Weights:	16 to 28 lb. bond (60 – 105 g/m²)
Stack Capacity:	Upper Tray: 500 sheets (8.5" x 11" or smaller): 250 sheets (11" x 17" or smaller), Lower Tray: Staple: 1,500 sheets (8.5" x 11"); 750 sheets (11" x 17" or smaller) No Staple: 2,000 sheets (8.5" x 11"); 750 sheets (11" x 17 or smaller)
Staple Capacity:	50 sheets (8.5" x 11" or smaller), 30 sheets (8.4" x 14" or larger)
Staple Paper Size:	8.5" x 11" to 11" x 17"
Staple Paper Weight:	17 to 24 lb. (64 – 90 g/m²)
Staple Position:	1 staple: 3 positions (top, top slant, bottom) 2 staples: 1 position (left 2/top 2)
Stapler Capacity:	5,000 per cartridge

Punch Option Type 1045 available for Multi Tray Finisher

SR950 Booklet Finisher

Paper Sizes:	8.5" x 11" to 11" x 17"	
Paper Weights:	16 to 34 lb. bond (60 – 128 g/m²)	
Stack Capacity:	Non- Staple Sort: 1,000 sheets (letter)	
	Staple Sort:	1,000 Sheets (letter)
	Folding	Folded: 10 sets (6 – 10 sheets/set), 20 sets (2 – 5 sheets/set)
Staple Capacity:	50 sheets 8.5" x 11", 25 sheets larger than 8.5" x 11"	
Staple Paper Size:	8.5" x 11" to 11" x 17"	
Staple Position:	1 Staple: 2 positions, 2 Staples: 2 positions	
Stapler Capacity:	5,000 per cartridge	
Booklet Paper Sizes:	8.5" x 11", 8.5" x 14", 11" x 17"	
Booklet Paper Weights:	17 to 20 lb. (64 – 80 g/m²)	

Punch Option Type 2238 available for Booklet Finisher

Additional Accessories

File Format Converter Type B
Platen Cover Type 3800C
Key Counter Bracket Type H
Scanner Accessibility Option Type 3245

Supplies

Black Toner (Yield: 24,000 @ 5%)
Cyan Toner (Yield: 10,000 @ 5%)
Yellow Toner (Yield: 10,000 @ 5%)
Magenta Toner (Yield: 10,000 @ 5%)
Waste Toner Bottle

Print speeds may be impacted by network, application or PC performance.

Specifications and external appearances are subject to change without notice.

Products are shown with optional features.

For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.

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