

Aficio® 2232C/2238C

**Black & White when you need it.
Color when you want it.**



RICOH®

Black & White when you need it. Color when you want it.

2232C/2238C

The RICOH® Aficio® 2232C/2238C are conveniently configured to handle the typical range of office tasks right out of the box—copying, printing and scanning are all standard. No hidden costs. Workgroups have different needs and requirements, and with the 2232C/2238C, you can configure the system to best suit your environment. You can select from different document finishing options, additional paper sources, wireless connectivity, and fax.

Productivity In Printing and Copying

More often than not, you need your prints or copies immediately. The Aficio 2232C/2238C output the first page in just 8 seconds for black & white and 10 seconds for full color. They also deliver an outstanding 32/38 black & white pages per minute, and 24/28 color pages per minute in both print and copy modes. Even better, they maintain the same imaging speed in duplex mode, saving you time, paper and money!

Multiple Choices in Document Distribution

The Aficio 2232C/2238C have been designed for the Internet age. Besides being able to print and copy, these systems can scan documents and images directly to folders and FTP servers, or send them as E-mail attachments to colleagues—all without extra options or dedicated delivery servers. The 2232C/2238C also support LDAP, which uses your existing E-mail system.

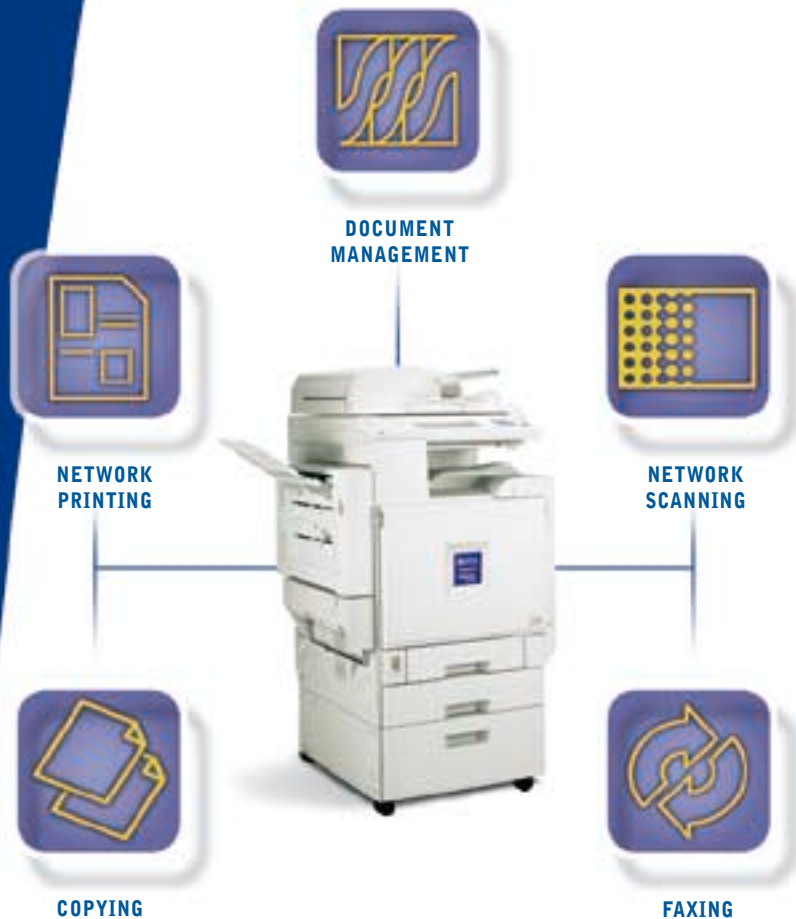
The 2232C/2238C can be configured with an optional Fax module to expand the systems' functionality. Faxes can be handled as paper-based documents, or routed digitally directly to your PC. Again, without dedicated distribution servers or utility software. Lastly, you can also transmit faxes over the Internet to eliminate long-distance phone charges altogether.

A Shared Network Resource

The Aficio 2232C/2238C are designed to fit in seamlessly with your organization's infrastructure and work the way you work. Of course, there's a 10/100 BaseTX network interface that supports industry standards such as TCP/IP and Novell IPX/SPX. For organizations using print servers, there's also a parallel connection.

With the 2232C/2238C, you don't have to plug into a network to take advantage of its printing and optional faxing capabilities. Ricoh offers IEEE 802.11b and Bluetooth wireless options that enable you to take your laptop and/or PDA to conference rooms, or enable visiting users to print to the 2232C/2238C.

Ricoh also offers two high-speed serial options that transmit large volumes of data without impacting your network. You can choose from USB 2.0 or IEEE 1394, which deliver up to 480 and 400 Mbps transmission rates, respectively.





The Aficio 2232C/2238C—setting the standard in document production and distribution. Copying. Printing. Network Scanning. Document Serving. Faxing. Document Finishing. The 2232C/2238C not only integrate the diverse functions of multiple peripherals into one system, they add the power of color!

Re-purpose Documents with Ease

The **Aficio 2232C/2238C** are the perfect hub for all your document communication needs. The Document Server is capable of storing documents—whether printed, copied, scanned or faxed—and downloading them to your desktop for annotation, or integrating them into a new document with unique headers and page numbers.

Document Handling for the Entire Workgroup

Duplexing is standard on the **Aficio 2232C/2238C**. But the real advantage of duplexing on these Ricoh systems is that you maintain output speed and don't compromise productivity while conserving paper.

Designed to support the diverse needs of an office workgroup, the **2232C/2238C** supports paper sizes of up 12" x 18" in weights from 16 lb. bond to 90 lb. index.

With a standard paper input capacity of 1,100 sheets, you can add either a 1,000-sheet multi-tray or a 2,000-sheet LCT option for a maximum capacity of 3,100 sheets.

Efficiently Manage Your Resources

Monitor and manage the **Aficio 2232C/2238C** right from your desktop. With Web Image Monitor, you can view the status of the system, and its availability. It can be used to alert you of any service issues, required toner replacement, or if the system is off-line. Further, Web Image Monitor allows you to view and manage files on the system's Document Server.



The Professional Finish

Producing vibrant, crisp, images is half the battle when making a positive impression through your documents. The finishing of documents can be just as important. That's why the **Aficio 2232C/2238C** can be configured with a finisher that folds and staples output into complete booklets, ensuring your documents stand out.

Ricoh also offers a 2,000-sheet Multi-Tray Finisher that collates and staples documents together for the more traditional finishing options. Both finishers can be optionally outfitted with hole punching for even greater convenience.



The optional **Booklet Finisher** folds and staples pages together to produce professionally finished documents

Aficio 2238C shown with optional PS550 Paper Bank and Booklet Finisher

Make it easy for readers to find the essential information.

The best way to do that is with Color



Color. It used to be expensive, slow in printing and cumbersome to manually collate color pages into important documents.

With the **Aficio 2232C/2238C**, there are no excuses. The **2232C/2238C** deliver cost effective color, and black & white pages at virtually the same price as your existing monochrome digital system.

The **2232C/2238C** are designed to be document hubs— processing, producing, and distributing the information critical to your daily tasks. And there's more than meets the eye with the **2232C/2238C**. Besides producing documents in either print or copy modes, these systems facilitate document distribution as well. All at a price that fits your budget.



Aficio® 2232C/2238C

SPECIFICATIONS

General Specifications

Aficio 2232C EDP 411717
Aficio 2238C EDP 411722

| | |
|----------------------------------|---|
| Resolution: | Input: 600 x 600 dpi Output: 600 x 600 dpi 1,200 x 1,200 dpi |
| Copy Size: | Max. 11" x 17" (full bleed on 12" x 18") |
| Paper Sizes: | First Paper Tray: 8.5" x 11" Second Paper Tray/Paper Bank: 8.5" x 11", 8.5" x 14", 11" x 17", 7.5" x 10.5", 8" x 13"/A5 - A3 Bypass Tray: Width: 3.5" to 12"/ 90 to 305mm; Length: 5.8" to 23.625"/ 148 to 457mm LCT: 8.5" x 11" |
| Warm-Up Time: | Less than 101 seconds |
| First Copy Time: | BW: 8 seconds Color: 10 seconds |
| Copy & Print Speed: | Aficio 2232C: 32/24 ppm (BW/FC) Aficio 2238C: 38/28 ppm (BW/FC) |
| Multiple Copies: | Up to 999 |
| Input Capacity: | Standard: 2 x 500 sheets 100-sheet bypass tray Maximum: 3,100 sheets |
| Output Capacity: | Standard: 500 sheets 100-sheet face-up output tray Maximum: 2,600 sheets |
| Paper Weights: | Trays & Duplex Unit: 16 to 28 lb. bond (60-105 g/m ²) Bypass Tray: 16 lb. bond to 90 lb. index (60-163 g/m ²) |
| Paper Type: | Plain Paper, Laser-printer qualified transparencies, and labels |
| Reproduction Ratios: | 5 enlargements, 7 reductions, plus 100%, 121%, 129%, 155%, 200%, 400%; 93%, 85%, 78%, 73%, 65%, 50%, 25% |
| Zoom: | 25% - 400% in 1% increments |
| Auto Duplex: | Standard |
| Hard Disk Drive: | 80GB capacity |
| Memory: | 768MB |
| Advanced Copy Features | |
| Color Mode: | Auto Color Selection; Full Color; BW (default); Single Color; Twin Color |
| Single Color: | Preset Color Palette: 12 colors with 4 levels of density selection User Color Memory: 15 colors |
| Twin Color: | Black + one color Black + Red |
| Original Selection: | Auto Text and Photo Separation mode; Photo mode (includes selection of Press Print, Glossy Photo, 2nd Generation modes); Text mode; Map mode; 2nd Generation mode; Pale mode |
| Image Density Adjustment: | Auto/Manual (9 levels) |
| Reduce/Enlarge: | Auto Magnification Selection; directional magnification |
| Image Rotation: | 90° Rotation |
| Shift/Erase Image: | Centering; Margin Adjustment; Erase Center; Erase Border; Erase Center/Border |
| OHP Slip Sheet: | Yes |
| Image Color Adjustment: | Auto Color Calibration; Color Balance; Color Separation; Sharp/Soft; Contrast; Background Density Control; UCR; Auto Text and Photo Separation |
| Proof Copy: | Yes |
| Operation Panel: | Monochrome LCD |

Printer Specifications

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|------------------------------|--|
| CPU: | RM7065C 533MHz |
| Printer Languages: | Ricoh RPCS (Refined Printing Command Stream), PCL 5c emulation; Optional: Adobe PostScript 3 |
| Fonts: | PCL 5c: 45 Intellifonts PS3: 136 Type 1 fonts |
| Interfaces: | 10/100 BaseTX Ethernet Bi-directional IEEE 1284-compliant parallel |
| Optional Interfaces: | IEEE 802.11b wireless LAN Bluetooth wireless USB 2.0/1.1 IEEE 1394 |
| Network Protocols: | TCP/IP, IPX/SPX (Netware 3.x, 4.x, 5.x), AppleTalk, SMB (NetBEUI), Net BIOS over TCP/IP |
| Other Supported: | UNIX (lpr/lpd): Sun Solaris2.6/7/8, HP-UX 10/11, SCO Open Server 5, IBM AIXV4.3/5L, V5.1, Red Hat Linux 6/7 |
| Management Utilities: | Ricoh Web Image Monitor, DeskTopBinder V2 Lite; Macintosh Printer Utility (w/Adobe PostScript option) |
| Drivers: | RPCS: Windows 95/98/Me/NT4.0/2000/XP PCL 5c emulation: Windows 95/98/Me/NT4.0/2000/XP PS3: Windows 95/98/Me/NT4.0/2000/XP Apple OS 8.6 or later, OS X (native), UNIX |

Scanner Specifications

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|--------------------------|---|
| Resolution: | FC: 100 dpi - 600 dpi 8 bits/pixel BW: 100 dpi - 1,200 dpi 1 bit/pixel |
| Scanning Speed: | 31 ppm BW 28 ppm Color |
| Scan Mode: | Text; Text/Photo; Photo; OCR; Grayscale; ACS |
| Image Adjustment: | Brightness; Contrast; Threshold; Gamma Adjustment; Halftone Pattern |
| SADF/Batch Mode: | Yes |
| Stamping: | Yes |
| Mixed Size Mode: | Yes |
| File Types: | TIFF, JPEG, PDF |
| Scan to E-mail: | Yes, up to 500 addresses per send |
| LDAP Support: | Yes |
| Scan to Folder: | Yes, 2,000 folders maximum |
| Protocol Support: | SMB (Server Message Block), FTP (File Transfer Protocol) |

Physical Specifications

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|----------------------------|---|
| 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: | 1,200 watts or less |
| Energy Star Mode: | 45 watts or less |

Options and Accessories

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|------------------------------|--|
| Fax Option EDP 411589 | |
| Type: | ITU-T G3 Transceiver (Optional 2nd line) |
| Circuit: | PSTN, PBX |
| Resolution: | 200 x 200 dpi; 300 x 300 dpi |
| Modem Speed: | 33,600 bps - 2,400 bps with automatic shift down |
| Transmission Speed: | 3.0 seconds (28.8 Kbps or faster) |
| Compression Method: | MH/MR/MMR; Optional: JBIG |
| SAF Memory: | 4MB; Maximum 28MB |
| Memory Capacity: | Approximately 320 pages; (2,240 pages with optional SAF memory) |
| Internet Fax: | Yes, ITU-T.37 |

PS540 Paper Bank

EDP 411574

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|------------------------|--|
| Paper Size: | 5.5" x 8.5" to 11" x 17" (A5-A3) |
| Paper Weight: | 16 to 28 lb. bond (60-105 g/m ²) |
| Stack Capacity: | 500 sheets |

PS550 Paper Bank

EDP 411576

| | |
|------------------------|--|
| Paper Size: | 5.5" x 8.5" to 11" x 17" (A5 - A3) |
| Paper Weight: | 16 to 28 lb. bond (60-105 g/m ²) |
| Stack Capacity: | 2 Trays x 500 sheets |

PS560 Large Capacity Tray

EDP 411578

| | |
|------------------------|--|
| Paper Size: | 8.5" x 11" (A4) |
| Paper Weight: | 16 to 28 lb. bond (60-105 g/m ²) |
| Stack Capacity: | 2 Trays x 1,000 sheets |

PT460 Multi-Bin

EDP 400568

| | |
|------------------------|--|
| Number of Bins: | 2 |
| Paper Size: | 5.5" x 8.5" to 11" x 17" (A5 - A3) |
| Paper Weight: | 16 to 28 lb. bond (60-105 g/m ²) |

| | |
|------------------------|--|
| Stack Capacity: | Tray 1: 100 sheets Tray 2: 250 sheets |
|------------------------|--|

SR920 Multi Tray Finisher

EDP 411630

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|-----------------------|--|
| Paper Sizes: | 8.5" x 11" to 11" x 17" (A4-A3) |
| Paper Weights: | 16 to 28 lb. bond (60-105 g/m ²) |

SR910 Booklet Finisher

EDP 411583

| | |
|------------------------|---|
| Paper Sizes: | 8.5" x 11" to 11" x 17" (B5-A3) |
| Paper Weights: | 16 to 34 lb. bond (60-128 g/m ²) |
| Stack Capacity: | Folded: 10 sets (6-10 sheets/set) 20 sets (2-5 sheets/set) |

| | |
|-------------------------|----------------------|
| Sorted: | 1,000 sheets |
| Staple Capacity: | 50 sheets 8.5" x 11" |

| | |
|---------------------------|---------------------------------|
| Staple Paper Size: | 8.5" x 11" to 11" x 17" (A4-A3) |
|---------------------------|---------------------------------|

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|-------------------------|---|
| Staple Position: | 1 Staple: 2 positions 2 Staples: 2 positions |
|-------------------------|---|

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|-----------------------------|---|
| Booklet Paper Sizes: | 8.5" x 11", 8.5" x 14", 11" x 17" (A4-A3) |
|-----------------------------|---|

IEEE 802.11b Wireless LAN

EDP 411265

Bluetooth

EDP 411603

IEEE 1394

EDP 411264

USB 2.0

EDP 411301

Adobe PostScript 3

EDP 411602

File Format Converter

EDP 411400

FAC14 Cabinet

EDP 400581

Data Overwrite Security System

EDP 411854

Supplies

Black Toner

EDP 888231

Cyan Toner

EDP 888234

Yellow Toner

EDP 888232

Magenta Toner

EDP 888233

SR920 Staples

EDP 410801

SR910 Staples

EDP 411730

Print speed may be affected 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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RICOH®

Image Communication

Ricoh Corporation, Five Dedrick Place, West Caldwell, NJ 07006
Phone: (973) 882-2000 • Web Site: <http://www.ricoh-usa.com>

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