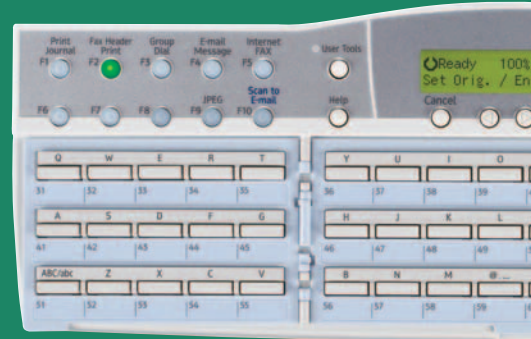


Ricoh FAX4430L/FAX4430NF
Facsimile
High-Performance Faxing For Workgroups

RICOH



efficient



convenient



powerful



Ricoh FAX4430 Series

Advanced document communication tools for superior workflow. Large workgroups perform hundreds—if not thousands—of individual document management tasks every day. To maintain high productivity in these demanding, fast-paced environments, you need easy-to-use systems that deliver exceptional efficiency and productivity. Like the RICOH® FAX4430L, which provides quick fax transmission speed and convenience copying for stand-alone applications. Or the network-ready Ricoh FAX4430NF, which comes standard with a full range of advanced fax features, plus copying and scanning. Both systems also offer optional printing for additional versatility.



ProductiveReliableIntuitive

Unmatched efficiency

With the Ricoh FAX4430 Series, end-users can access a single, powerful fax system that can handle a complete array of essential document communication tasks with speed, ease and convenience.

- Ensure quick transmission for all fax documents—up to 30 pages-per-minute¹.
- Double your transmission capacity with an optional second Super G3 line. It operates independently, so you can use both lines for transmission or dedicate one line for transmission and a second for reception.
- Scan important fax documents, then walk away with the original instead of leaving the document in the tray.
- Maximize productivity and minimize interruptions in high-usage environments with a total paper capacity of 1,350 sheets (with all options).
- Reduce paper consumption with duplex fax reception and duplex scanning (except for color Scan-to-Email).

¹ Approximately 2 seconds-per-page at 33.6 Kbps with JBIG is dependent upon optimal line quality; and customer performance may vary by location.

High-performance faxing

The Ricoh FAX4430NF comes equipped with advanced capabilities you can use to significantly reduce or even eliminate the typical costs of global document distribution.

- Send faxes at no cost with Internet faxing (T.37), which works the same way as Scan-to-Email. In this case, the e-mail address is a similarly equipped Internet fax.
- Large companies with multiple networked locations can deliver documents in real time—at no charge—with IP faxing (T.38). This zero-cost method sends directly to the IP address of the receiving fax. Transmission is instantaneous.
- Companies that have implemented Voice over IP (VoIP) technology can incorporate the Ricoh FAX4430NF in their communications architecture without connecting the system to analog phone lines.
- Enhance your productivity right from the desktop with LAN faxing. This capability allows you to send faxes to any other G3 fax system without leaving your PC. The LAN Fax Cover Sheet Editor even creates customized cover sheets.
- Send any hardcopy document as a PDF or JPEG—whether full-color or black & white—with standard Scan-to-Email.

Convenient laser printing

Use the Ricoh FAX4430 Series to accomplish much more than fax jobs when you add the optional 15 page-per-minute (ppm) PCL 5e/PCL 6 printer function.

- Handle a wide variety of printing tasks, including paper-saving duplex output, auto paper tray selection, slip sheet insertion and watermark printing.
- Print on specialty stocks, such as envelopes and labels, with the optional 100-sheet Bypass Tray.



Color Scan-to-Email offers a secure, paperless way to deliver virtually any scanned document—including color photos, brochures, maps and plans.



Accommodate lengthy, multi-page documents (up to 47.2" long) with the 70-sheet Automatic Document Feeder.



Deliver any document to the Ricoh FAX4430NF for transmission, right from your PC, with the LAN faxing feature.

FaxCopyScanPrint

Superior productivity

Both the Ricoh FAX4430L and the Ricoh FAX4430NF are engineered to help you operate as productively as possible. From the systems' outstanding overall durability to their specific sets of features, these systems have the time-saving tools you need to streamline workflow.

- Conveniently create digital black & white copies with 15 ppm speed.
- Expect crisp, clean 600 x 600 dpi image quality for all digital copies, incoming fax documents and printed pages.
- Eliminate the need to organize sets manually with automatic collation for all output (fax, copy, print).
- Count on fast, high-resolution scanning for multi-page documents—up to 1.3 seconds-per-page for black & white or 4.0 seconds-per-page for color—with the 70-sheet Automatic Document Feeder.

User-friendly design

No matter what a fax system can do, it will not help your workgroup improve efficiency if it is difficult to use. That is why the Ricoh FAX4430 Series incorporates a straightforward design for simple, intuitive operation.

- Find exactly what you need on the easy-to-use control panel, including a familiar QWERTY keyboard and 22-character x 2-line backlit LCD for checking system status and settings.
- Assign complex key sequences to one of 10 programmable User Function Keys for one-touch operation.
- Send fax documents to your most frequent recipients with one-touch convenience using 90 Quick Dials and 200 Speed Dials.
- Scan color originals at full resolution or with a halftone screen using the Color Scan/Halftone Key (standard on Ricoh FAX4430NF).
- Select the appropriate level of detail for fax transmission with the High-Resolution Scan Key.

Easy network integration

When connected to the network, the Ricoh FAX4430NF is easy to install and simple to manage. So your IT department can add it to the network with confidence.

- Ensure error-free configuration with industry-standard Ethernet connectivity, while the WebImageMonitor feature supports remote administration.
- Control access to all transmission capabilities—including Scan-to-Email, faxing, IP faxing and LAN faxing—with Server Domain Authentication.
- Streamline network integration with Dynamic Host Configuration Protocol (DHCP).



Your Environmental Partner



Ricoh continues its long-standing commitment to developing office solutions with environmentally friendly and superior energy- and supply-saving features, without compromising productivity, including:

- Power-Saving Sleep Mode
- Duplex and Combine Copy Modes
- Minimal Ozone Emissions
- Restriction of Hazardous Substances Compliant (RoHS)

CompactAffordableFlexible

Designed for Lasting Quality and Convenience

70-sheet Automatic Document Feeder (standard)

Scans black & white pages in 1.3 seconds, color pages in 4.0 seconds.

Automatic Duplexing (standard)

Cut paper usage in half for fax, copy or print output.



Easy-to-use Control Panel

Intuitive design and a backlit LCD make it easy to finish any task.

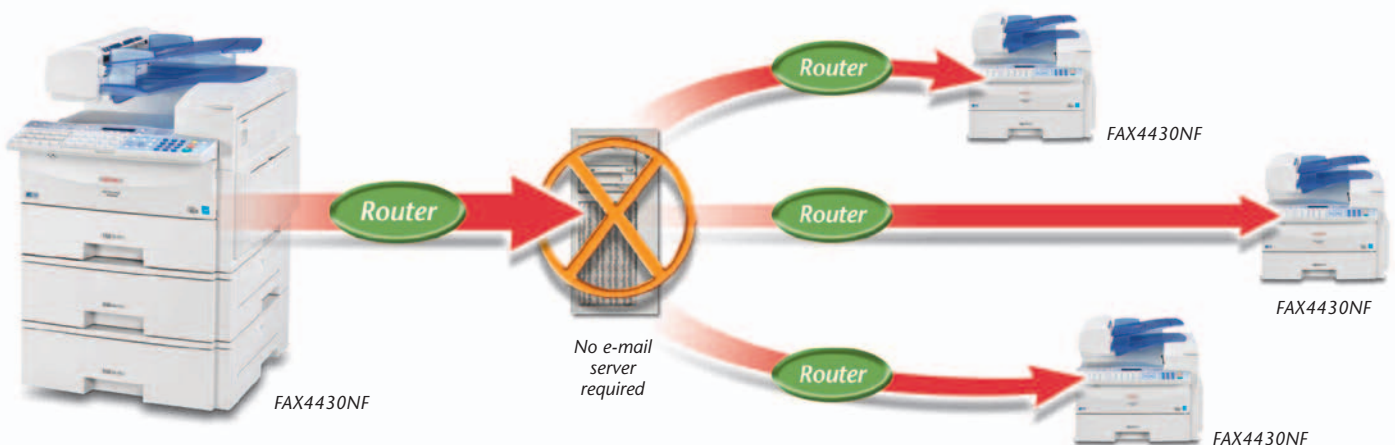
100-sheet Bypass Tray (standard on the Ricoh FAX 4430NF)

Print or copy on labels, envelopes and other special paper stock.

1 or 2 x 500-sheet Paper Feed Units (optional)

Boost total paper capacity to 1,350 sheets.

IP Faxing Capabilities



IP faxing capabilities on the Ricoh FAX4430NF enable end-users to deliver any scanned file virtually instantly with 600 dpi quality, with no phone costs and no e-mail server.

Ricoh FAX4430 Series

System Specifications

Specifications

Type	Desktop Facsimile
Recording Method	Laser
ITU-T Compatibility	Group 3 (V.34); ECM
Modem Speed	33.6 Kbps with Auto fallback
Transmit Speed (Max.)	2 seconds*
Data Compression	MH/MR/MMR/JBIG
Scan Speed (Letter, Standard Resolution)	1.3 seconds-per-page** B&W 4 seconds-per-page Color
Dual Access	Standard
Document Memory (Standard)	16 MB (1,280 pages**)
Document Memory (Optional)	40 MB (2,200 pages**)
Auto Dialer	90 Quick Dials, 200 Speed Dials, 9 Group Dials
User Function Keys	10 (dedicated keys)
Document Memory Backup	12 hours with Standard Memory; Infinite with 40 MB Memory Card
Automatic Document Feeder	Standard (70 sheets)
Document Width/Scan Width/Length (Max.)	8.6"/8.48"/47.2"
Scan Resolution	Standard: 200 x 100 dpi Detail: 200 x 200 dpi 300 dpi (Scanner only) Super Fine: 400 x 400 dpi Extra Super Fine: 600 x 600 dpi
Halftone	64 levels with ARGONA***
Print Speed (Max.)	15 pages-per-minute
Print Resolution (Max.)	600 dpi (fax and printer)
Resolution Enhancement	Super Smoothing HQ™
Recording Width/Paper Size (Max.)	8.26"/8.5" x 14"
Paper Capacity (Standard)	4430L: 250-sheet Paper Tray (Letter) 4430NF: 250-sheet Paper Tray (Letter) + 100-sheet Bypass Tray (Total 350 sheets)
Paper Capacity (Optional)	500-Sheet (Letter / Legal) x 2 Paper Feed Units
Paper Capacity/Sources (Max.)	1,350 sheets/4
Multi-Copy Capacity	Up to 99 (with duplexing)
LCD Display Size	2 lines (22 characters each line)
Power Consumption	Max: Less than 1000W Min: Less than 2W (FAX4430L), 6W (FAX4430NF)
Power Requirements	120V, 60Hz
Environment	59 to 77°F, 30 to 70% RH
Dimensions (WxDxH)	4430L: 17.6" x 21.7" x 21.6" 4430NF: 17.6" x 21.7" x 16.2"
Weight	4430L: 61.7 lbs. 4430NF: 50.7 lbs.
Consumable Yields	Toner Cartridge: 5,000**
Photoconductor Unit	45,000 pages
Optional PFU	17.0" x 16.1" x 5.5" (WxDxH); Weight 10.6 lbs.

Internet FAX/IP FAX/VoIP/Scan-To-Email (NIC FAX UNIT)—Standard on FAX4430NF

Network/Connection	LAN, 100Base-TX/10Base-T Ethernet, RJ-45
Transmission Speed	10/100 Mbps
Document Size	8.5" x 11", 8.5" x 14"

Compatibility

Internet Fax: ITU-T Rec. T.37
IP Fax: ITU-T Rec. T.38

Scan Resolution Internet Fax

Standard: 200 x 100 dpi
Detail: 200 x 200 dpi
Standard: 200 x 100 dpi
Detail: 200 x 200 dpi
Super Fine: 400 x 400 dpi
Extra Super Fine: 600 x 600 dpi
Std. B&W: 200 x 100 dpi
Std. Color: 100 x 100 dpi
Detail: 200 x 200 dpi
300 dpi: 300 x 300 dpi
Super Fine: 400 x 400 dpi
Extra Super Fine: 600 x 600 dpi

Scanner

E-mail Trans.: SMTP, TCP/IP
E-mail Rec.: POP3, SMTP, IMAP4, TCP/IP

Internet Protocols

IP Fax: T.38 Annex B, TCP, UDP/IP
Scanner: FTP, TCP/IP

E-mail Format

Single/Multi-Part, MIME

Attached File Format

Conversion
TIFF-F (MH Compression), DCX, JPEG, PDF

Security

POP before SMTP, SMTP Authentication, APOP, Server Domain Authentication (Windows 2000, Windows Server 2003, Windows NT4.0)

Dynamic Host Configuration Protocol (DHCP)

Standard

WebImageMonitor

Standard

NIC Fax Features—Standard on FAX4430NF

Internet Fax & Scan-To-Email:

Backup Transmission/Reception
Color/B&W Scan Modes
E-mail Subject/Message/Suffix Templates
Error Mail Notification
Journal by E-mail
Reception Confirmation
ScanRouter Lite Included
IP Fax (Real Time, T.38):
Reception Confirmation
VoIP Compatibility
LAN Fax (Software Included):
Address Book, Broadcast, Convenience Printing

General System Features

Automatic Collation, Clock (with Auto Summer Time Adjustment), Counters (Tx/Rx/Scn/Prt), Dual Access (Multitasking), Scan Duplex Documents, Energy Saver Mode, Help List, Keystroke Programs (90), Label Registration for Quick/Speed Dials, Personal Codes, Photo (Halftone) Mode, PIN Code Protection, Power Failure Report, QWERTY Keypad, Remaining Memory Indicator, Restricted Access, User Function Keys

Fax Communication Features

Chain Dialing, Communication Failure Report, Error Report, Fax Headers (2), Journal (Auto/Manual Print), Lists (Quick/Speed/Prog./Grp/User Function), Memory File Transfer, Monitor Speaker, No Document, No Dial, On Hook Dialing, Polling Trans./Reception, Quick Dial Label Print, Redial (Auto/Manual), Shortened Protocol, Telephone Directory

Fax Transmission Features

Auto Document, Auto Page Retransmission, Auto Reduction (Transmit), Backup File Transmission, Batch Transmission, Blank Document Detection, Forwarding, Immediate/Memory Transmission, ITU-T Sub-Address, Label Insertion, Memory Storage Report, Page Count, Page Retransmission, Quick (Parallel) Memory Transmission, Send Later, Serial Broadcast (Immediate/Later), Simultaneous Broadcast (via opt. 2nd G3 Modem), Transfer Request, Transfer Transmission, Transmission Confirmation Report, Transmission Failure Report, Transmission Reserve, Verification Stamp

Fax Reception Features

Authorized Reception, Confidential Reception (with or without ID), Continuous Polling, Checkered Mark (Document Separation), Duplex Fax Reception, Memory Lock, Memory Polling, Multi-Copy Reception, Multi-Polling Reception, Reception Time Print, Specified Tray Select (with Optional Paper Feed Unit), Substitute Reception, Two-in-one Reception

Printer Features (Optional with FAX4430L)

Print Speed (Letter)	15 pages-per-minute
Printer Resolution (Max.)	600 x 600 dpi
Interface	Standard: IEEE 1284 ParallelOption: 100Base-TX/10Base-T
Printer Memory (Std./Max.)	16 MB/144 MB
Operating System	Windows 95/98/Me/NT 4.0/2000/ XP/Vista****
Printer Control Language	PCL 5e/6; PostScript2 Compatible (Optional)
Other Features	Duplex, Collate, Slip Sheet, Page Protect, Auto Continue, Auto Tray Select, Tray Lock, Font Storage, Watermark, Toner Saver, Edge Smoothing, User Code, Bypass Tray Print

Options

100-sheet Bypass Tray Type 300 (FAX4430L only)
32/64/128 MB Printer Memory Type B
40 MB Memory Card (Feature Expander) Type 410
500-sheet Paper Feed Unit Type P5480 (up to two can be installed)
Cabinet Stand
G3 Interface Unit (2nd 33.6 Kbps Line) Type 410
Network Interface Board Type 1018 (see Printer Features)
NIC Fax Unit Type 410 (FAX4430L only)
PostScript2 Interface Unit Type 1018
Print Controller
Telephone Handset Type 1018

Supplies

ADF Maintenance Kit Type 300
Marker Refill Type 30
Toner Cartridge Type 1160
Photoconductor Unit Type 1013

*Approximately 2 seconds per page at 33.6 Kbps with JBIG is dependent upon optimal line quality, and customer performance may vary by location.
**Based on ITU-T Test Chart #1 in Standard resolution.
***ARGONA Advanced Ricoh's Graphic Operation by New ASIC based on diffusion method.
****Windows Vista will be available after launch. Please check our website for release dates.

Connectivity Comparison

	Ricoh FAX4430L	Ricoh FAX4430NF
Color Scan-to-Email	Optional	Standard
Internet Fax	Optional	Standard
IP Fax	Optional	Standard
LAN Fax	Optional	Standard
Network Scan	Optional	Standard
PC Print	Optional	Optional
Network Print	Optional	Optional
PS2 Module	Optional	Optional
Web Browser Monitor	Optional	Standard

RICOH

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