# Aficio®
# 2051/2060/2075

## High-End Performance ...
## Meets Rock-Solid Security

**COPY**

**PRINT**

**SCAN**

**MANAGE**

**RICOH**®

**The RICOH® Aficio® 2051/2060/2075 Series offers consistently reliable technology that raises productivity, lowers costs, and safeguards data.**

Designed to support the rigorous workflow demands of today's General Office, Central Reprographics and Print-on-Demand environments, the RICOH® Aficio® 2051/2060/2075 Series offers consistently reliable technology that is guaranteed to raise productivity, lower total operating costs, and safeguard mission-critical information.
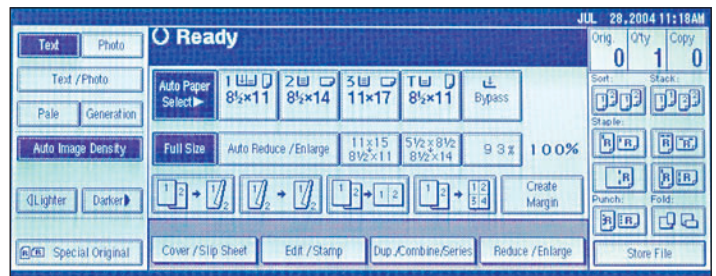
Whether you're working with hardcopy, digital files, or both, the Aficio 2051/2060/2075 Series provides high-speed throughput, outstanding image quality, professional paper handling, and sophisticated information security capabilities from the desktop and the Control Panel.

## Performance, Productivity, and Security for the Small-to-Medium Workgroup

## Everything You Need Is Right Here

With the Aficio 2051/2060/2075 Series, you'll be able to manage and share information faster and more efficiently than you ever thought possible. With just one system, you can have access to a state-of-the-art, high-volume **digital copier**, on-demand **production printer**, and versatile **network scanner**. Plus, **intelligent device management software** enables users and administrators to monitor and manage all aspects of the system from the workstation or the large, **user-friendly Touch Panel Display**.



*The Aficio 2051/2060/2075's large, user-friendly Touch Panel Display.*

## Real Security for Real Peace of Mind

As more and more intellectual property resides in cyberspace, protection of those vital assets is paramount. As such, we've made security functionality a top priority, which means you won't have to worry when placing the Aficio 2051/2060/2075 Series on your network.

### Windows Authentication

The new **Windows Authentication feature** prevents unauthorized usage of the system. Users must input their "User Name/Password" — the same ones used to login to their PC — which is then verified by the Windows Network Server. Additionally, upon login authentication, the system's Scan-to-e-mail capability becomes available and the authenticated user name is sent to the "Sender's Name" field. Finally, using existing network login infrastructure eliminates the need for users to remember an additional password.

### DataOverwriteSecurity System and Removable Hard Drive

Handling sensitive and classified documents is easily managed using two security options for the Aficio 2051/2060/2075 Series. With the **Removable Hard Drive option (RHD)**, the system's internal hard drive is mounted externally in a secure bay. The hard drive can then be unlocked, removed and stored in a secure location after processing classified information. To add an extra layer of security, an additional hard drive may be purchased to keep classified and unclassified information separate.

Another security option is the **DataOverwriteSecurity System (DOSS)**. This system provides automatic overwriting of the information after each copy, scan or print job. The data is overwritten three times, conforming to recommended National Security Agency (NSA) methods for managing classified information, so information cannot easily be retrieved or stolen.

When used together, the Removable Hard Drive and DataOverwriteSecurity System provide a multi-layered document security process.

## Document Destination? It's Your Choice!

By leveraging the power of your corporate network and the Internet, the Aficio 2051/2060/2075 Series can quickly and efficiently deploy information anywhere it needs to go. Users can scan documents at the device and direct those documents to multiple locations including e-mail, network folders, and **desktop management applications such as Ricoh's DeskTopBinder**. When sending documents, users can enter destination addresses directly from the system's Control Screen or — thanks to **Lightweight Directory Access Protocol (LDAP)** support — search for destinations in the corporate address book.



*Send E-mails to recipients at network speed with LDAP (Lightweight Directory Access Protocol) support.*

## Raise the Bar on Network Printing

If you've got a lot of printing to do, you won't find a better solution than the Aficio 2051/2060/2075 Series. Offering support for today's most common network platforms, you'll have desktop access to an amazing array of capabilities — including **Covers**, **Tabs**, **Chapters**, **11" x 17" Output**, **Booklets**, **Page Numbering**, **Stamps**, and all **Finishing selections**.

Plus, Ricoh's unique **Refined Print Command Stream (RPCS)** is an intuitive, icon-based print driver that dramatically increases productivity by allowing users to apply all output selections and run the print job with a single click. And, users can easily create, save, and share output icons based on their specific job requirements.

## Revisit the Paperless Office

Remember the promise of the paperless office? With the Aficio 2051/2060/2075 Series, you now have a way to actually get one! Ricoh's **Document Server Technology** effortlessly manages hardcopy and digital files and facilitates an advanced print-on-demand solution. Using the Document Server, you can...

· **Store documents** — electronic files and scanned hardcopy — at the system and then print them on an as-needed basis, which eliminates the need to re-transmit or re-scan originals.
· **Create new documents** that combine electronic files and scanned hardcopy.

*Ricoh's Document Server Technology.*

· **Ensure document integrity** by assigning a private PIN code for documents headed to the Document Server.

· **View documents** in the Document Server, **combine multiple stored documents** into a new file and apply finishing selections from the workstation using Ricoh's DeskTopBinder software or via a standard Web browser.

## Finish with Flair

A variety of optional automatic finishers and an addressable mailbox will give your important business documents the proper finishing touch. And, regardless of the finisher you choose, all offer a 3,000-sheet capacity and a user-selectable two and three hole punch option, which eliminates the expense of pre-drilled paper.

· Create perfectly finished newsletters, mailers, booklets and manuals with the versatile **Saddle Stitch Finisher, now with Z-Fold option**.
· Efficiently produce larger documents with the **100-Sheet Multi-Position Stapling Finisher**.
· Quickly finish general business documents using the **50-Sheet Multi-Position Stapling Finisher**.
· Separate print output with the top-mounted **9-Bin Addressable Mailbox**, which is compatible with the Saddle Stitch or 50-Sheet Multi-position Finisher.

*An array of finishers to get the job done right.*

## Get the Job Done

If you have demanding business applications, you will really appreciate how the Aficio 2051/2060/2075 Series virtually automates the document production process...

· True 1,200 dpi resolution
· Highly productive One Pass Duplex Scanner with a 100 sheet capacity and Job Build capability

· 8,300 sheet total paper capacity
· Scan Once, Print Many
· Covers, Tabs, Chapters, Collating, Page Numbering, Stamping, Stapling and Punching

## Open Architecture

**Embedded Software Architecture**

The Aficio 2051/2060/2075 models exceed industry standards with Ricoh's *Embedded Software Architecture*™ — an innovative Java (J2ME) compatible software development platform. The *Embedded Software Architecture*™ allows for the development of key applications that run on Ricoh MFPs and Laser Printers, dramatically enhancing your organization's workflow. The Aficio 2051/2060/2075 can easily be customized to meet your needs by controlling features such as: the operation panel, printing, saving files, and scanning. For more information on the *Embedded Software Architecture*™ platform please go to **www.ricoh.com/esa**.

# Configured to Meet the Demands of Today's Workgroups

| Aficio 2051<br>Aficio 2051SP* | Aficio 2060<br>Aficio 2060SP* | Aficio 2075<br>Aficio 2075SP* |
|---|---|---|

**Shown with Large Capacity Tray, 50-Sheet Finisher and 9-Bin Mailbox**

**Shown with Saddle Stitch Finisher, Large Capacity Tray, Interposer, and Z-Fold Unit**

**Shown with Large Capacity Tray and 100-Sheet Finisher**

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*SP Model includes Scan/Print Kit, 384MB Total RAM

**OPTIONS:**
- 50-Sheet Finisher (SR850)
- 100-Sheet Finisher (SR841)
- Saddle Stitch Finisher (SR861)
- Z-Fold Unit (with SR861 only)
- 2/3 Hole Punch Unit
- Large Capacity Tray
- 9-Bin Mailbox (with SR850/SR861 only)

*SP Model includes Scan/Print Kit, 384MB Total RAM

**OPTIONS:**
- 50-Sheet Finisher (SR850)
- 100-Sheet Finisher (SR841)
- Saddle Stitch Finisher (SR861)
- Z-Fold Unit (with SR861 only)
- 2/3 Hole Punch Unit
- Large Capacity Tray
- 9-Bin Mailbox (with SR850/SR861 only)

*SP Model includes Scan/Print Kit, 384MB Total RAM

**OPTIONS:**
- 50-Sheet Finisher (SR850)
- 100-Sheet Finisher (SR841)
- Saddle Stitch Finisher (SR861)
- Z-Fold Unit (w/SR861 only)
- 2/3 Hole Punch Unit
- Large Capacity Tray
- 9-Bin Mailbox (with SR850/SR861 only)

## FEATURES:

- Auto Image Density
- Auto Paper Select
- Auto Reduce/Enlarge
- Auto Start
- Auto Tray Switching
- Border/Center Erase
- Chapters
- Combine Originals
- Copy Counter
- Delete inside/outside
- Directional Size Magnification
- Document Server

- Double Copy
- Dual Language
- Duplexing
- Electronic Sort
- Energy Saver Mode
- Estimated finishing time counter
- Image Shift
- Job Interrupt
- Job Preset (up to 8 jobs)
- Margin Adjustment
- Original Counter
- Paper Designate

- Photo Mode
- Repeat Copy
- Sample Copy
- Scan Once, Print Many
- Series Copying
- Slip Sheets
- Stamping
- User Codes (500)
- User Program
- User Tools
- Weekly Timer

## Expect the Best, and Accept Nothing Less

The Ricoh Aficio 2051/2060/2075 Series allows you to make significant gains in your quest to successfully manage the document workflow and productivity needs of your increasingly demanding business environment.

**RICOH**®

## General Specifications

| | |
|---|---|
| Printing Process: | Four laser beams and electro-photographic printing |
| Configuration: | Console |
| Standard Memory: | 128MB/40GB HDD |
| Maximum Memory: | 384MB/40GB HDD |
| Warm Up Time: | 30 seconds (from power off) |
| Quantity Indicator: | 1 to 999 |
| Power Source: | 120V/60Hz/20A (Requires Dedicated 20A Outlet) |
| Dimensions (WxDxH): | 28" x 30" x 46" |
| Weight: | Less than 447.5 lbs. |
| Standard Paper Feed: | 1st Tray: 1550 sheets, x 2 (tandem) = 3,100 (Letter) 2nd & 3rd Tray: 550 ea. (User Adjustable) |
| Bypass: | 100 sheets |
| Total Standard/Max.: | 4,300 / 8,300 sheets |
| Paper Size: | $5^1/_2$" x $8^1/_2$" to 11" x 17" (12" x 18" Bypass Tray) |
| Paper Weight: | 14lb. – 34 lb. Bond/14 lb. – 80 lb. Cover (216 g/m² / Bypass-Thick Paper Mode) |

## Engine Specifications

| | |
|---|---|
| First Copy Speed: | Aficio 2051/2060: 4.2 seconds Aficio 2075: 3.5 seconds |
| Copying Speed: | Aficio 2051: 51 copies/minute multiple sets (Letter LEF) Aficio 2060: 60 copies/minute multiple sets (Letter LEF) Aficio 2075: 75 copies/minute multiple sets (Letter LEF) |
| Copy Resolution: | True 1200 x 1200 dpi |
| Grayscale: | 256 levels |
| Original Type: | Book/Sheet |
| Original Size: | Up to 11" x 17" (12" x 18" Using Platen) |
| Copy Size: | $5^1/_2$" x $8^1/_2$" to 11" x 17" (12" x 18" Bypass Tray) |
| Reproduction Ratios: | 50%, 65%, 73%, 78%, 85% 93%, 121%, 129%, 155%, 200%, 400% |
| Zoom: | 25% – 400% in 1% increments |

## System Accessories

### Automatic Document Feeder (Standard)

| | |
|---|---|
| Original Size: | $5^1/_2$" x $8^1/_2$" to 11" x 17" |
| Original Paper Weight: | 11 lbs. – 34 lbs. Simplex/14 lbs. – 34 lbs. Duplex |
| Original Stack Capacity: | 100 sheets |

## Options

### Large Capacity Tray (LCT) (RT43)

| | |
|---|---|
| Paper Size: | $8^1/_2$" x 11" LEF |
| Paper Weight: | 14 – 34 lb. |
| Paper Capacity: | 4000 sheets (20 lb. Bond) |
| Dimensions (WxDxH): | 12.4" x 18.0" x 25.9" |
| Weight: | Less than 44 lbs. |

### LG ($8^1/_2$" x 14") Option for LCT Type 1075

Enables the feeding of legal-size (8.5 x 14) paper through LCT

| | |
|---|---|
| Paper Size: | $8^1/_2$" x 14", $8^1/_2$" x 11" SEF |
| Paper Capacity: | 2500 sheets (20 lb. Bond) |

### 9-Bin Mailbox (CS390)

Compatible with SR850 & SR861 Finishers. Cannot be added if configured with SR841 Finisher.

| | |
|---|---|
| Number of Bins: | 9 bins |
| Stack Capacity per bin: | 100 sheets (20 lb. Bond) |
| Paper Size: | $5^1/_2$" x $8^1/_2$" to 11" x 17" |
| Dimensions (WxDxH): | 21.3" x 23.6" x 26" |
| Weight: | Less than 33 lbs. |

### Copy Tray (Copy Tray Type 1075)

Copy Tray is an option to receive output when configured without a finisher.

| | |
|---|---|
| Paper Capacity: | 500 sheets ($8^1/_2$" x 11"), 250 sheets ($8^1/_2$" x 14", 11" x 17") |
| Dimensions (WxDxH): | 16" x 13.4" x 2.8" |
| Weight: | 1.4 lbs. |

### 11" x 17" Paper Size Tray Type 1075

Enables feeding of 11" x 17" and $8^1/_2$" x 14" paper from Tray 1, normally tandem $8^1/_2$" x 11" only.

| | |
|---|---|
| Paper Size: | 11" x 17" SEF, $8^1/_2$" x 14" SEF, $8^1/_2$" x 11" |
| Paper Capacity: | 1000 sheets |
| Dimensions (WxDxH): | 19.5" x 8.5" x 21.1" |
| Weight: | 24.3 lbs. |

### Tab Sheet Unit (Tab Sheet Holder Type 1075)

Necessary to feed tab sheets from Tray 2 or Tray 3 (Both trays cannot feed tabs).

| | |
|---|---|
| Dimensions (WxDxH): | 10.8" x 4.3" x 2.8" |
| Capacity: | 100 sheets |
| Weight: | .55 lbs. |

## 3000 Sheet Finisher w/100-Sheet Stapler (SR841)

### Proof Tray

| | |
|---|---|
| Stack Capacity: | 500 sheets ($8^1/_2$" x 11" or smaller), 250 sheets ($8^1/_2$" x 14" or larger) |
| Paper Size: | $5^1/_2$" x $8^1/_2$" – 11" x 17" |
| Paper Weight: | 14 lb. Bond – 80 lb. Cover (216 g/m²) |

### Shift Tray

| | |
|---|---|
| Stack Capacity: | 3000 sheets ($8^1/_2$" x 11"); 1500 sheets ($8^1/_2$" x 14" – 11" x 17") |
| Paper Size: | $5^1/_2$" x $8^1/_2$" – 11" x 17" |
| Paper Weight: | 14 lb. Bond – 80 lb. Cover (216 g/m²) |

### Stack Capacity with Stapler

| | |
|---|---|
| Staple Capacity per set: | 100 sheets (LT); 50 sheets (11" x 17", $8^1/_2$" x 14", $8^1/_2$" x 11" SEF) |
| Staple Positions: | Top, Bottom, 2 staples, Top Slant |

### Hole Punching Option (Punch Unit Type 1075)

| | |
|---|---|
| Hole Positions: | 2 or 3 holes switchable |
| Paper Size: | $5^1/_2$" x $8^1/_2$" – 11" x 17" |
| Paper Weight: | 14 lb. – 34 lb. Bond |
| Dimensions (WxDxH): | 31.5" x 28.7" x 38.6" |
| Weight: | 143 lb. Finisher only |

### Output Jogger Unit Type 1075

Secures each finished set in an orderly fashion. Available with SR841 only

## 3000 Sheet Finisher w/50-Sheet Stapler (SR850)

### Proof Tray

| | |
|---|---|
| Stack Capacity: | 250 sheets ($8^1/_2$" x 11" – $5^1/_2$" x $8^1/_2$"), 50 sheets ($8^1/_2$" x 14" – 11" x 17") |
| Paper Size: | $5^1/_2$" x $8^1/_2$" – 11" x 17" |
| Paper Weight: | 14 lb. Bond – 90 lb. Index |

### Shift Tray

| | |
|---|---|
| Stack Capacity: | 3000 sheets ($8^1/_2$" x 11"); 1500 sheets ($8^1/_2$" x 14" – 11" x 17") |
| Paper Size: | $5^1/_2$" x $8^1/_2$" – 11" x 17" |
| Paper Weight: | 14 lb. Bond – 80 lb. Cover (216 g/m²) |

### Staple Capacity

| | |
|---|---|
| Same Paper Size: | 50 sheets ($8^1/_2$" x 11" or $5^1/_2$" x $8^1/_2$") 30 sheets (11" x 17", $8^1/_2$" x 14") |
| Mixed Paper Size: | 30 sheets ($5^1/_2$" x $8^1/_2$", $8^1/_2$" x 11", 11" x 17") |
| Staple Position: | Top, Bottom, 2 staples, Top Slant |

### Hole Punching Option (Punch Unit Type 1045)

| | |
|---|---|
| Hole Positions: | 2 or 3 holes switchable |
| Dimension (WxDxH): | 27.6" x 24.4" x 37.8" |
| Weight: | 132.3 lbs. – Saddle stitch without punch 136.7 lbs. – Saddle stitch with punch |

## 3000 Sheet Finisher with Saddle Stitch (SR861 Finisher)

### Proof Tray

| | |
|---|---|
| Stack Capacity: | (1) Not Including Z-Fold Paper 250 sheets ($8^1/_2$" x 11" or smaller) 50 sheets ($8^1/_2$" x 14" or larger) (2) Z-Fold Paper Only 30 sheets ($8^1/_2$" x 14" or larger) 20 sheets ($8^1/_2$" x 11" or smaller) (3) Mixed* 250 sheets at most ($8^1/_2$" x 11" or smaller) 50 sheets at most ($8^1/_2$" x 14" or larger) |

*When Z-Fold paper & normal paper are mixed, Z-Fold paper counts as 10 sheets.

| | |
|---|---|
| Paper Size: | $5^1/_2$" x $8^1/_2$" – 11" x 17" ($8^1/_2$" x 11" – 11" x 17" Z-Folding Paper) |
| Paper Weight: | 14 lb. Bond – 90 lb. Index (17 lb. Bond – 20 lb. Bond / Z-Fold) |
| Upper Shift Tray*: | 500 sheets ($8^1/_2$" x 11") 250 sheets ($8^1/_2$" x 14", 11" x 17") 100 sheets ($5^1/_2$" x $8^1/_2$") |

Z-Fold Paper cannot be output to Upper Shift Tray

| | |
|---|---|
| Paper Size: | $5^1/_2$" x $8^1/_2$" – 11" x 17" |
| Paper Weight: | 14 lb. Bond – 90 lb. Index |

### Lower Shift Tray

| | |
|---|---|
| Stack Capacity: | (1) Not Including Z-Fold Paper 2,500 sheets ($8^1/_2$" x 11" LEF) 1,250 sheets ($8^1/_2$" x 14", 11" x 17", $8^1/_2$" x 11" SEF) 500 sheets (A5 LEF) 100 sheets ($5^1/_2$" x $8^1/_2$") (2) Z-Fold Paper Only 30 sheets ($8^1/_2$" x 14" or larger) 20 sheets ($8^1/_2$" x 11" or smaller) (3) Mixed* 2,500 sheets ($8^1/_2$" x 11" LEF) 1,250 sheets ($8^1/_2$" x 14", 11" x 17", $8^1/_2$" x 11" SEF) 500 sheets (A5 LEF) 100 sheets ($5^1/_2$" x $8^1/_2$") |

*When Z-Fold paper & normal paper are mixed, Z-Fold paper counts as 10 sheets.

| | |
|---|---|
| Paper Size: | $5^1/_2$" x $8^1/_2$" – 11" x 17" |
| Paper Weight: | 14 lb. Bond – 80 lb. Cover (216 g/m²) (17 lb Bond – 20 lb. Bond Z-Fold) |

## Staple Capacity

| | |
|---|---|
| Same Paper Size: | 50 sheets ($8^1/_2$" x 11" or smaller) 30 sheets ($8^1/_2$" x 14" or larger) |
| Mixed Paper Size: *(not including Z-Fold Paper)* | 30 sheets ($8^1/_2$" x 11", 11" x 17") |
| Z-Fold Paper Only: | Up to 5 sheets per set ($8^1/_2$" x 11", 11" x 17") |
| Mixed Paper Size*: *(including Z-Fold Paper)* | 5 with Z-fold / 0 without Z-folding 4 with Z-fold / 0-10 without Z-folding 3 with Z-fold / 0-20 without Z-folding 2 with Z-fold / 0-30 without Z-folding 1 with Z-fold / 0-40 without Z-folding |

*When Z-Fold paper & normal paper are mixed, Z-Fold paper counts as 10 sheets.

| | |
|---|---|
| Saddle Stitch: | 15 sheets ($8^1/_2$" x 11" – 11" x 17") |
| Staple Position: | Top, Bottom, 2 staples, Top Slant |
| Saddle Stitch Position: | Center 2 positions |
| Center Folding w/o stitch: | 1 sheet |

### Hole Punching Option (Punch Unit 1045)

| | |
|---|---|
| Hole Positions: | 2 or 3 holes (switchable) |
| Dimension (WxDxH): | 27.6" x 24.4" x 37.8" |

### Cover Interposer Tray (Type 1075)

Available with all three finishers.

| | |
|---|---|
| Paper Size: | $5^1/_2$" x $8^1/_2$" – 11" x 17" |
| Paper Weight: | 17 lb. Bond – 110 lb. Index |
| Paper Capacity: | 200 sheets (20 lb. Bond) |
| Paper Set: | Center position |
| Dimensions (WxDxH): | 19.7" x 24.4" x 7.9" |
| Weight: | 26.5 lbs. |

### Z-Folding Unit (Type 2105)

Compatible with SR861 Finisher only. Cannot be added if configured with SR841 or SR850.

| | |
|---|---|
| Z-Folding Position: | Right Fold, Left Fold, Bottom Fold |
| Paper Size: | $8^1/_2$" x 11" SEF / $8^1/_2$" x 14" SEF / 11" x 17" SEF |

### Copy Connector (Type 2105)

Connect two machines together via cable.

### File Format Converter (Type B)

Required when retrieving Document Server data stored via Copy or Print application.

## Print Controller Specifications

| | |
|---|---|
| Print Speed: | Aficio 2051: 51 prints/minute Aficio 2060: 60 prints/minute Aficio 2075: 75 prints/minute |
| CPU: | Duron 800 MHz |
| Host Interface: | Standard: Ethernet Network Interface Card 10Base-T/100Base-TX, Parallel IEEE1284 Type C Optional: Wireless LAN Interface (IEEE 802.11b), USB 2.0, IEEE 1394, Bluetooth |
| Network Protocol: | TCP/IP, IPX/SPX, SMB, Apple Talk |
| Memory Capacity: | 384 MB DDR-SDRAM (Standard 128MB + Required 256MB Memory Option) |
| PDL: | RPCS, PCL 5e/PCL6 (Standard) Adobe PostScript 3 (Optional) |
| Print Resolution: | PCL5e: 600/300 dpi PCL6: 1200/600 dpi PS3: 1200/600 dpi RPCS 300/600/1200 dpi |
| Drivers for PCL 5e: | Win9x/ME, Win2000, WinNT 4.0, WinXP, WinServer 2003 |
| Drivers for PS3: | Win9x/ME, Win2000, WinNT4.0, WinXP, WinServer 2003, Macintosh 8.6-9.2x (OS X Classic), Mac OS X Native (v. 10.1 or later) |
| Drivers for PCL 6: | Win9x/ME, Win2000, WinNT 4.0, WinXP, WinServer 2003 |
| Drivers for RPCS: | Win9x/ME, Win2000, WinNT 4.0, WinXP, WinServer 2003 |

## Scanner Specifications

| | |
|---|---|
| Scan Speed: | 75 sides/minute (Aficio 2051/2060/2075) |
| Optical Resolution: | 100 dpi – 600 dpi (1,200 dpi with TWAIN) |
| Output Format: | PDF, TIFF, JPEG |
| Interface Support: | Standard: 10Base-T/100Base-TX; Optional: Wireless LAN Interface (IEEE 802.11b), IEEE 1394 ("IP Over 1394") |
| Bundled Drivers: | Network TWAIN |
| Scan-to-Email: | Yes, up to 500 addresses per send |
| LDAP Support: | Yes, Version 2/Version 3 |
| Max Stored Destination Addresses: | 2,000 |
| Authentication: | SMTP / POP before SMTP |
| Scan-to-Folder: | Yes, up to 50 folders per job |
| Protocol Support: | SMB (Server Message Block), FTP (File Transfer Protocol) |

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