Sales Guide

nashuatec

MP 501SPF
MP 601SPF

Powerful, solutions-ready A4 MFPs

☑ Printer ☑ Copier ☑ Scanner ☑ Fax

MP 501SPF
50 ppm B/W

MP 601SPF
60 ppm B/W

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This sales guide is to be used by sales staff as a training aid. It is not a sales tool and should not be shared with customers. Whilst care has been taken to ensure the information provided in this guide is accurate, no liability will be accepted for errors or omissions.

1. Introduction

MP 501SPF and MP 601SPF are productive, workflow enabled A4 black-and-white MFPs. They share the same powerful processor, large touchscreen operation panel, intuitive operating system and extensive solutions capability as Ricoh's latest A3 MFPs and when installed alongside Ricoh A3 MFPs as part of a balanced enterprise-wide deployment of A3 and A4 devices, they offer a smart, consistent and cost-effective answer to workgroup imaging needs.

The new A4 MFPs are effortlessly productive. Ricoh's new superfast 1.46 GHz processor ensures responsive performance. Complex documents are processed in the blink of an eye and printed at full engine speed, and text can be quickly extracted from scanned documents and saved to a searchable archive (requires OCR option). Improving productivity, urgent one-off prints are ready in just 6 seconds and multipage documents are produced at speeds of 50 or 60 pages per minute (MP 501SPF and MP 601SPF).

MP 501SPF and MP 601SPF launch into a market sector that is enjoying rapid growth. According to IDC, 1.25 million high speed (45 to 69 ppm) A4 black-and-white printers and MFPs were sold worldwide in 2015. That figure will rise to more than 1.5 million by 2019. MFP sales are growing faster than printer sales (9% CAGR vs 2.8% CAGR) as customers seek solutions that offer more extensive functionality. By 2019, MFPs will account for one in every three high speed A4 black-and-white devices sold.

Ricoh's aim is to capture additional document volume by vigorously increasing sales in this sector. MP 501SPF and MP 601SPF fill an important gap in Ricoh's product range. Ricoh has not, until now, been able to match the speed or specifications of the products offered by traditional printer vendors, such as Lexmark. Offering more productive performance and better specifications, MP 501SPF and MP 601SPF will meet exacting tender requirements and enable Ricoh to grow its market share at the expense of other vendors.

MP 501SPF and MP 601SPF replace SP 5210S, SP 5210SF & SP 5210SR in Ricoh's black-and-white A4 MFP range. Major improvements include more productive print speeds (50/60 ppm vs 50 ppm), a faster and more responsive processor (1.45 GHz vs 533 MHz), uniform operation (same 10.1" Smart Operation Panel as Ricoh's A3 MFPs), extensive solutions capability (including StreamLine NX and GlobalScan NX), enhanced image quality (1,200 x 1,200 dpi vs 1,200 x 600 dpi) and durable performance (250/275k duty cycle and 500k maintenance interval).

Like other Ricoh products, MP 501SPF and MP 601SPF are designed to have minimal environmental impact. The new MFPs comply with Blue Angel, Energy Star and EPEAT Silver environmental standards. Using the compact MFPs to print double sided and digitally distribute documents also helps to reduce paper consumption.

This guide explores the functionality of the new products in more detail, highlighting sales opportunities and identifying key selling points. It also provides side-by-side competitor comparisons.

2. Sales Highlights

Consistent enterprise-wide platform

MP 501SPF and MP 601SPF share the same colour touchscreen operation panel, intuitive operating system and extensive solutions capability as Ricoh's latest A3 MFPs. The productive A4 black-and-white MFPs can be installed alongside Ricoh A3 MFPs as part of a uniform and cost effective enterprise-wide imaging system. Users moving from one Ricoh device to another will find themselves instantly familiar with the intuitive interface and powerful workflow tools.

- Install as part of a uniform and cost effective enterprise-wide imaging platform
- Same touchscreen panel, intuitive operation and solutions capability as Ricoh A3 MFPs
- Ricoh's Smart Operation Panel and universal print driver provide a uniform platform
- The cost effective A4 MFPs can replace workgroup printers, improving functionality
- Users moving from one device to another are instantly familiar with the intuitive interface

Intuitive interface simplifies operation

The new models are equipped with Ricoh's Smart Operation Panel. The colour touchscreen panel - at 10.1", the largest in its class - is navigated with pinch and swipe gestures, much like a smart phone or tablet. Individual users can customise the interface, there are no hard keys to press and Ricoh's Intuitive User Interface with its Smart Copy, Smart Scan, Smart Fax and ID Card Copy apps simplifies operation and improves productivity.

- MP 501SPF and MP 601SPF feature Ricoh's new Smart Operation Panel and Intuitive User Interface
- The 10.1" super VGA touchscreen panel - it is the largest in its class - simplifies operation
- It tilts for easy viewing and is navigated with gestures, much like a smart phone or tablet
- Ricoh's Smart Copy, Smart Scan and Smart Fax apps simplify operation
- Users can customise the interface and install more Ricoh Smart apps

Easy interaction with smart devices

Users can interact with MP 501SPF and MP 601SPF using their smart phones and tablets (requires optional NFC card reader). Ricoh's Smart Device Connector app supports near field communication (NFC) and QC barcode connection. The application can be used to scan a document to the user's smart device or to print documents received via social media. It can also be used as an interactive address book, enabling users to send documents via the MFP to their own personal contacts.

- Users can interact with MP 501SPF and MP 601SPF using their smart phones and tablets
- Ricoh's Smart Device Connector app supports NFC (near field communication)
- Save time by printing from and scanning to a smart phone with Smart Device Print & Scan
- Quickly print out documents received via Facebook or Messenger
- Use personal address book to forward scanned documents to contacts

Controlled and compliant workflow

Ricoh's GWNX controller, with its superfast 1.46 GHz processor, manages the workflow. The administrator can predetermine scan settings, print output can be locked until released by the originator and security information can be appended to each and every document. In environments where print is billed to a contract, it is even possible to login by client billing code. The new MFPs are equipped with a 320 GB hard drive and support optional workflow solutions, including StreamLine NX and GlobalScan NX.

- Securely manage document workflows and account for usage
- DSM (distributed scan management) establishes scanning parameters
- Save scanned documents with searchable text (requires OCR option)
- Selectable login supports user and billing code authentication
- Deploy optional workflow solutions, such as StreamLine NX and GlobalScan NX

Minimise environmental impact

Like other Ricoh products, MP 501SPF and MP 601SPF are designed to have minimal environmental impact. In energy saving sleep mode, the new devices consume just 1.1 W and they comply with Blue Angel, Energy Star and EPEAT Silver environmental standards. Using the compact A4 MFPs to print double sided and digitally distribute information also helps to reduce paper consumption.

- Designed to minimise the environmental impact of printing
- In energy saving sleep mode, the new devices consume just 1.1 W
- Using MP 501SPF and MP 601SPF can reduce energy consumption by as much as 50%
- Compliant with Blue Angel, Energy Star and EPEAT Silver environmental standards
- Printing double-sided and digitally distributing information helps to reduce paper consumption

Cost effective distributed print solution

Ricoh's new A4 MFPs offer a cost effective solution for distributed host printing. Equipped with the genuine IPDS print option, MP 501SPF and MP 601SPF can be used to print transactional documents, such as despatch notes, invoices and reports, generated by mainframe systems. Offering a low total cost of ownership and durable performance, they can be deployed in branch offices, depots and distribution centres as distributed print solutions, reducing centralised printing and distribution costs.

- Genuine IPDS print option for accurate printing of transactional documents
- Use MP 501SPF and MP 601SPF to print despatch notes, invoices and reports
- Improve process efficiency and reduce distribution costs by printing at point of need
- Deploy in branch office, depots and distribution centres as distributed print solutions
- Low total cost of ownership, durable and productive performance (390k maintenance cycle)

3. Product Positioning

- **MP 501SPF and MP 601SPF are smart, solutions-ready A4 black-and-white MFPs**
- **Extends top-end print speed from 50 ppm to 60 ppm**
- **Enables Ricoh to compete head-on with HP, Kyocera and Lexmark**
- **Print only versions share the same print drivers and consumables**
- **Same Smart Operation Panel and Intuitive User interface as Ricoh's A3 MFPs**
- **Can be installed as part of a uniform deployment of A3 and A4 devices**

MP 501SPF and MP 601SPF are smart, solutions-ready A4 black-and-white MFPs. They replace SP 5210SF in Ricoh's black-and-white A4 MFP range, strengthening the range by extending the top-end print speed from 50 ppm to 60 ppm. The increased throughput speed is significant as it allows Ricoh to compete head-on with new high speed A4 black-and-white MFPs offered by traditional printer vendors such as HP, Kyocera and Lexmark.

The new MFPs are a part of a wider family of Ricoh products that complement each other and can be installed as part of a uniform print solution. There are print only versions of the product, SP 5300DN and SP 5310DN, which share the same productive performance, print drivers and consumables. There are also A3 colour and black-and-white MFPs, which share the same powerful processor, large touchscreen operation panel, intuitive operating system and extensive solutions capability.

When installed alongside Ricoh's A3 MFPs as part of a balanced enterprise-wide deployment of A3 and A4 devices, MP 501SPF and MP 601SPF offer a smart, consistent and cost-effective answer to workgroup imaging needs.

Ricoh MP 501SPF/MP 601SPF Positioning vs Competitors

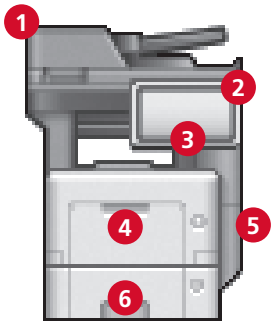
Please see section 9. Competition for detailed side-by-side comparisons

4. Configuration

Standard Configuration

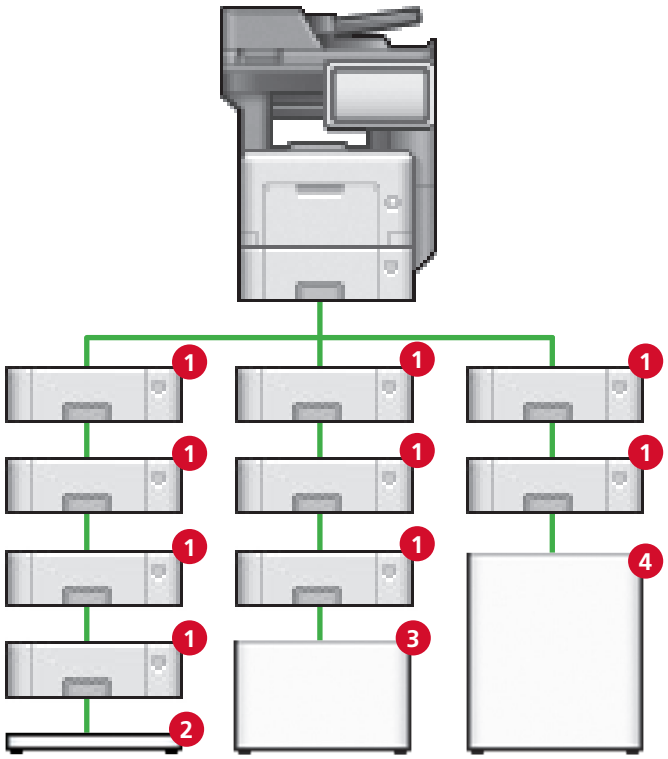
MP 501SPF and MP 601SPF are 4-in-1 A4 black-and-white MFPs. They are print, copy, fax and colour scan enabled and are supplied with a 75 sheet ARDF, a 500 sheet A4 paper tray, a 100 sheet multi bypass and an internal duplex. They also feature Ricoh's new 10.1" Smart Operation Panel and are equipped with a 320 GB hard drive and a VM card.

Mainframe



1 = 75 sheet ARDF
2 = 10.1" colour touchscreen panel
3 = USB/SD card slot
4 = 100 sheet multi bypass
5 = Duplex [internal, not shown]
6 = 500-sheet A4 paper tray

Peripheral Options



1 = 500 sheet paper feed unit (PB1100) [maximum four units]
2 = Caster table (Type 52)
3 = Low cabinet (Type 51)
4 = High cabinet (Type 50)

Please see the EDP Code and Dependency table (next page) for more detailed configuration rules.

Functional Configuration

Functional Configuration - MP 501SPF and MP 601SPF		
	MP 501SPF	**MP 601SPF**
Functionality	Black-and-white printer, copier, fax and colour scanner	
Interfaces	Ethernet (1000Base-T/100Base-TX/10Base-T), Bluetooth (USB) (standard) / Wireless LAN (IEEE802.11a/b/g), Parallel (IEEE1284), 2nd NIC Port (Ethernet 1000Base-T/100Base-TX/10Base-T) [with optional USB device server] (options)	
Print Drivers	PCL 5e/6 (XL), PS3, PDF Direct (standard) / IPDS, XPS (options)	
Memory	2 GB RAM and 320 GB Hard Disk Drive (standard)	
Security	Data Overwrite Security (standard) / NFC Card Reader, Data Overwrite Security (for customers requiring Common Criteria certification before the mainframe is certified), Enhanced Security HDD, Counter Interface (optional)	
Other	VM Card (standard) / Fax, G3 Interface Unit, Fax Connection Unit, SD Card for Fonts, Unicode Font Package, OCR Unit, File Format Converter (options)	

More peripheral and functional upgrade options are listed below (see EDP Codes and Dependencies)

EDP Codes and Dependencies

EDP Codes and Dependencies - MP 501SPF and MP 601SPF					
Category	**Item**	**Product Name**	**EDP Code**	**Must Install**	**Cannot Install**
Mainframe	50 ppm 4-in-1 A4 MFP	MP 501SPF	407810	-	-
	60 ppm 4-in-1 A4 MFP	MP 601SPF	407813	-	-
Branding	Branding Kit 7 (NRG)	Branding Kit 7 (NRG)	995166	-	-
Paper Feed	500 Sheet Paper Feed Unit	Paper Feed Unit PB 1100	407850	-	More than four paper feed units
Cabinet	Caster table	Caster Table 52	914439	-	High cabinet, low cabinet
	High Cabinet	High Cabinet 50	914159	-	Caster table, low cabinet, more than two paper feed units
	Low Cabinet	Low Cabinet 51	914160	-	Caster table, high cabinet, more than three paper feed units
Printing	XPS Direct Print Option	XPS Direct Print Option Type M24	408048	Hard Disk Drive	-
	IPDS Print Option	IPDS Unit Type M24	407871	Hard Disk Drive	-
Scanning	OCR Unit	OCR Unit Type M13	417429	Hard Disk Drive	-
Fax	Fax Connection Unit	Fax Connection Unit Type M24	407855	-	-
Interfaces	Wireless Interface	IEEE 802.11 Interface Unit Type M24	407863	-	-
	Bluetooth Interface	Bluetooth Interface Unit Type D	415818	-	-
	Parallel Interface	IEEE 1284 Interface Board Type M19	417596	-	-

	Extended USB Board	Extended USB Board Type M19	417566	-	-
	USB Device Server	USB Device Server Option Type M19	417568	-	-
Functional	320 GB Hard Disk Drive	Hard Disk Drive Option Type P8	407873	-	Enhanced Security HDD
	VM Card	VM CARD Type P8	407865	-	-
Security	NFC Card Reader	NFC Card Reader Type M24	407853	-	-
	DataOverwriteSecurity	DataOverwriteSecurity Unit Type M19	417499	Hard Disk Drive	-
	File Format Converter	File Format Converter Type M19	417508	Hard Disk Drive	-
	Enhanced Security HDD	Enhanced Security HDD Option Type M10	417006	-	Hard Disk Drive
	Counter Interface Unit	Optional Counter Interface Unit Type M12	417111	-	-

Consumable EDP Codes - MP 501SPF and MP 601SPF			
Category	**Item**	**Product Name**	**EDP Code**
Toner	Print Cartridge 25K Black Toner	Print Cartridge MP 601	407824

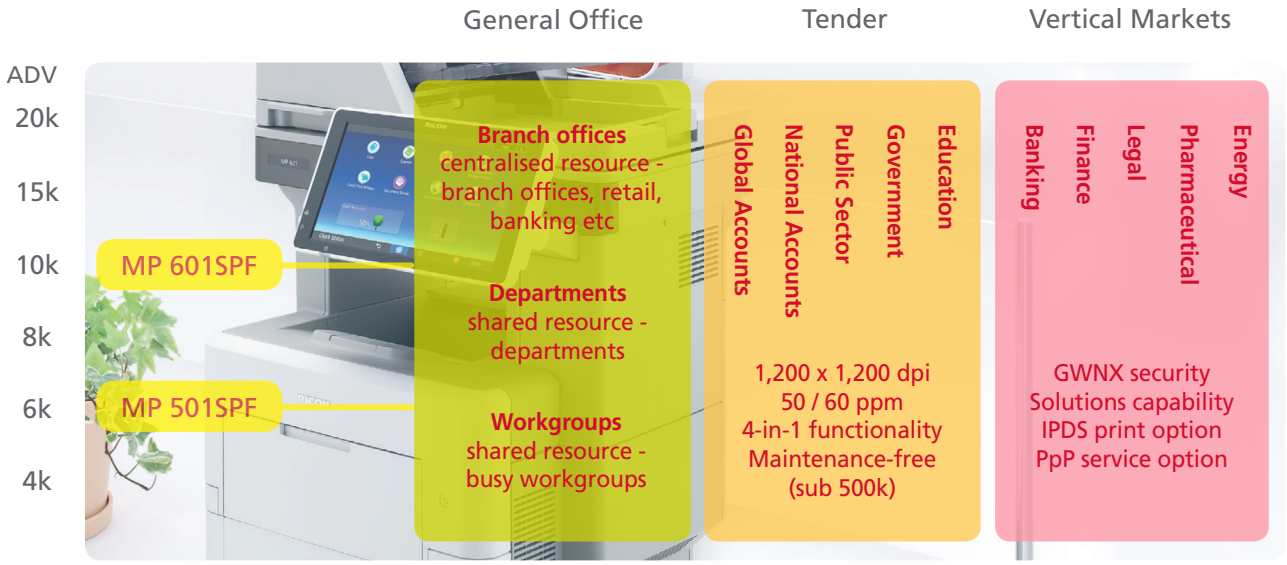
5. Target Markets

MP 501SPF and MP 601SPF will help Ricoh increase its share of the expanding A4 black-and-white MFP market. According to IDC, 1.25 million high speed (45 to 69 ppm) A4 black-and-white printers and MFPs were sold worldwide in 2015. That figure will rise to more than 1.5 million by 2019. MFP sales are growing faster than printer sales (9% CAGR vs 2.8% CAGR) as customers seek solutions that offer more extensive functionality. By 2019, MFPs will account for one in every three high speed A4 black-and-white devices sold.

The new MFPs will meet the A4 imaging needs of busy workgroups and departments. They are effortlessly productive and allow users to work more efficiently by interacting directly with their smart phones and tablets. Sharing the same colour touchscreen operation panel, intuitive operating system and extensive solutions capability as Ricoh's latest A3 MFPs, they can be installed as part of a uniform and consistent enterprise-wide workflow enabled imaging solution.

Equipped with the IPDS print option they can also be used in branch offices, depots and distribution centres as distributed print solutions for transactional documents generated by mainframe systems, such as despatch notes, invoices and reports.

Target Markets - MP 501SPF/MP 601SPF



High-level business drivers will include:

Business Driver	Ricoh Advantage	Customer Benefit
Increase productivity	50 or 60 ppm throughput	Supports workgroup needs
Eliminate bottlenecks	Fast 1.45 GHz processor	One-off prints ready in seconds
Enhance user experience	Intuitive User Interface	Smart apps simplify operation
Support mobile workforce	Smart Device Print and Scan app	Print and scan from smartphones
Reduce overheads	A4 print engine and PpP service	Low total cost of ownership
Improve governance	Solutions capable	Control and automate workflow

5. Key Features

Concept - MP 501SPF and MP 601SPF		
Feature	**Advantage**	**Benefit**
4-in-1 MFP	Print, copy, fax and colour scanning functionality.	Replace separate standalone devices, saving space and money.
A4 print engine	Lower purchase price than A3 MFP.	Reduce capital expenditure.
Long life drum	500,000 page maintenance interval.	Helps to reduce page costs.
PpP service	All inclusive, pay as you go service.	No 'hidden' consumable costs.
Solution capable	Supports optional workflow solutions, such as StreamLine NX.	Control workflow, improve governance and reduce costs.

Operation - MP 501SPF and MP 601SPF		
Feature	**Advantage**	**Benefit**
Smart Operation Panel ***** Best in Class *****	The large 10.1" touchscreen panel - there are no hard buttons - is navigated like a smartphone or a tablet.	Ricoh's Smart Operation Panel simplifies operation, expands functionality and customises the user experience.
Intuitive User Interface 	Intuitive applications make it easy to select copy, scan and fax settings.	Simplifies operation and provides a smooth transition from Ricoh's 'classic' user interface.
Customisable wall paper	An image, such as a corporate logo, can be displayed on the operational panel.	Use of a company logo improves the user's affinity with the machine.
Web Browser ***** Now Standard *****	Enables users to navigate and print from the Web, as well as access and print documents stored in cloud-based accounts.	Saves time and improves access to information.

Productivity - MP 501SPF and MP 601SPF		
Feature	**Advantage**	**Benefit**
Fast first page	The new MFPs deliver their first page in just 6 seconds.	Eliminates bottlenecks as one-off prints and copies are delivered at speed.
50 ppm and 60 ppm models	MP 501SPF prints at 50 ppm and MP 601SPF at 60 ppm.	Fast throughput speeds support the needs of busy workgroups.
High speed duplex	The new MFPs are equipped with high speed duplexes.	Maintains productivity when printing double-sided.

Paper Handling - MP 501SPF and MP 601SPF		
Feature	**Advantage**	**Benefit**
75 sheet ARDF ***** Standard ***** 	Automates scanning process, turning double-sided documents and automatically scanning both sides.	Simplifies scanning and copying processes, saving time.
2,600 sheet paper capacity (maximum)	The standard capacity of 600 sheets (500 sheet tray and 100 sheet bypass) can be expanded to 2,600 sheets with the addition of four 500 sheet paper trays.	Hold different stock online and reduce downtime related to paper replenishment.
Auto tray switching	The MFPs can automatically switch from one tray to another.	Replenish paper without interrupting the print process.
100 sheet multi-bypass	The standard multi bypass tray holds up to 100 sheets and supports paper weights of 60 to 220 gsm.	Reliably feed non-standard media such as letterhead paper, labels and envelopes.

Connectivity - MP 501SPF and MP 601SPF		
Feature	**Advantage**	**Benefit**
Network ready	The new MFPs are equipped with gigabit ethernet interfaces and there are parallel, wireless and bluetooth interface options.	Workgroup users can share the same device, improving access.
USB device server ***** New Option *****	The USB device server provides a secondary network interface port which allows the MFPs to connect simultaneously to two print networks.	Support customers, such as banks, hospitals and schools, who run separate open and closed networks.
WiFi card	The Smart Operation Panel is equipped with a WiFi card, which supports direct connection with mobile devices.	Easy interaction with smart devices.
Smart Device Connector	Ricoh's Smart Device Connector app supports near field communication (NFC) and QC barcode connection.	Speeds and simplifies connection process and transfer of information.

Smart Device Print and Scan 	Free Ricoh app enables documents to be printed from and scanned to smartphones and tablets.	Improves access and mobility.

Printing - MP 501SPF and MP 601SPF		
Feature	**Advantage**	**Benefit**
1,200 x 1,200 dpi resolution	The new MFPs produce immaculate 1,200 x 1,200 dpi resolution print output.	Improves the appearance of business communication.
Point and print icons	Ricoh's PCL and PS3 print drivers have graphic icons which allow single click selection of complex settings.	Simplifies the print process, saving time.
PostScript 3 *** Standard ***	PostScript printing is included as standard.	Print PostScript, PDF and XPS files accurately.
PDF direct print	PDF documents can be printed directly to the PostScript enabled printer. The files are processed by the printer rather than the PC.	Releases computer resource and reduces network traffic.
XPS direct print (option)	The new MFPs also support XPS direct print. XPS is an XML based document format similar to PDF, promoted by Microsoft.	Compatible with newly emerging print format.
IPDS print (option)	The genuine IPDS option enables fast, error-free bi-directional communication with mainframe (host) computer systems.	Reduce costs by deploying the new MFPs as distributed host print solutions.
Mail to Print	Send an email with attached data directly to the MFP for printing.	Improves access and simplifies print process.
Scheduled print	Users can specify a time at which documents are to be printed.	Reduces bottlenecks. Time-consuming jobs such as invoice runs can be scheduled to run overnight or at the weekend.

Portable Media - MP 501SPF and MP 601SPF		
Feature	**Advantage**	**Benefit**
USB/SD card reader *** Standard Feature ***	There is a USB/SD card reader located to the side of the control panel.	Improves access by enabling walk up users to print from and scan to flash memory.
Media print settings	Print settings such as duplex and booklet printing can be applied to documents held on the USB/SD card.	Improves functionality and enhances the quality of printed documents.
Media print preview	Documents held on the USB/SD card can be previewed at the control panel. The preview is displayed with selected print settings applied.	Reduces waste by ensuring that the right documents are selected and printed in the format required.

Multiple file selection	It is possible to select and print multiple JPEG, TIFF or PDF files held in the same folder of a USB/SD card.	Speeds production with the user able to print multiple files in a single operation.

Scanning - MP 501SPF and MP 601SPF		
Feature	**Advantage**	**Benefit**
Flatbed scanner	Books and photographs can be scanned directly from the platen glass.	It is easy to scan bound or mounted originals such as books and photographs.
Colour scanning	The new MFPs scan documents in full colour at a resolution of up to 600 x 600 dpi.	Share information instantly via email and save documents to document server or to a centralised electronic record.
Document server ***** Included in Price *****	The 320 GB hard drive acts as document server and can be used to archive up to 3,000 documents or 9,000 pages.	Reduce costs by printing regularly used documents on demand instead of holding shelf stock.
Distributed scan management (DSM)	The administrator can pre-set scanning conditions and destinations for users.	Simplifies the scanning process.
Searchable PDF (requires OCR option)	The document text is recognised and saved along with the original document.	Improves access to information as documents can be searched for using keywords, and text within the document can be edited.
Encrypted PDF transmission	PDF documents scanned to e-mail, saved to the document server or to another network location can be encrypted and password protected.	Protects confidential information.
PDF/A	PDF/A is an ISO standard for the long-term archiving of electronic documents. The format locks the document to maintain its originality and records within the document a 'Device Certificate'.	Document format complies with government and industry regulatory standards.
Enhanced encryption level	The user can select secure encryption algorithms. Supported algorithms include AES256bit (used by the US government, NESSIE in the EU and CRYPTREC in Japan) and SHA-2 (used by the US National Security Agency).	Encryption complies with government and industry regulatory standards.

Copying - MP 501SPF and MP 601SPF		
Feature	**Advantage**	**Benefit**
Scan once, copy many	Copies are produced from memory.	Each copy is identical to the first.
Electronic sorting	Copies and prints are delivered in page order.	Saves time as sets are collated ready for distribution.
Digital zoom	25 to 400% zoom in 1% steps, plus 6 preset enlargement / reduction ratios.	Preset ratios save time whilst steps allow for accurate scaling.
ID card copy app	Automatically copies both sides of an ID card onto one side of a sheet of paper.	Saves time and paper. Will prove useful to organisations needing to copy credit cards and passports.
Combine copy	Scan two or four originals and print them as tiled copies on one sheet of paper.	Reduce print and paper costs.

Fax - MP 501SPF and MP 601SPF		
Feature	**Advantage**	**Benefit**
Fax *** Standard ***	The MFPs include plain paper fax functionality as standard.	Eliminates the need for a separate standalone fax machine, saving money and space.
Fast transmission	Transmit a typical one-page document in approximately 2 seconds.	Speeds communication process, saving time and money.
Book fax	Bound documents, such as brochures and reports, can be faxed directly from the platen glass.	Saves time as there is no need to breakdown bound documents for faxing.
Quick dial	There is the facility to save 2,000 quick dial numbers.	Speeds communication with regular contacts.

Security - MP 501SPF and MP 601SPF		
Feature	**Advantage**	**Benefit**
NFC Card Reader (option)	An optional NFC (near field communication) card reader can be installed inside the top panel of the MFP. The reader supports ID card authentication.	Protects security by requiring ID card based authentication.
Quick Authentication (requires optional NFC Card Reader)	Pre-installed 'swipe-and-go' card-based authentication system.	Pre-installed application simplifies authentication process and eliminates need to purchase expensive third party solution.
Data Overwrite Security	Overwrites temporary data held on the hard drive up to nine times with random data.	Protects security by ensuring that temporary data cannot be recovered.
HDD Encryption	Encrypts the address book, authentication information and stored documents.	Protects security by encrypting documents.
FIPS certified HDD (option)	The standard hard drive can be replaced with an optional HDD that is certified to meet the Federal Information Processing Standards (FIPS). These are U.S. government computer security standards that specify requirements for cryptography modules.	Suitable for use in secure environments such as by government agencies and in industries that are subject to strict security compliance.
Quota scheduling	The administrator can limit the output of individual users and user groups by setting page count limits. This feature now allows quotas to be shared across multiple Ricoh devices.	Establishes governance over the print environment and reduces print volume.
Banner page print	A job sheet can be printed before a print job that identifies the originator.	Makes it easier to identify work in a busy environment.
Mandatory hold print	When mandatory hold print is activated by the administrator, print output is held in the document server until released at the printer by the originator.	Protects confidentiality and reduces waste.
Mandatory security information	Automatically append security information such as the user ID, date, time, IP address and printer serial number to every document printed.	Improves document security by establishing a printed audit trail.

Fax output timer	The administrator can set a time schedule for fax output. Fax messages are held in memory and printed at the predetermined time.	Reduces the risk of fax messages being read by unauthorised personnel or inadvertently picked up along with other documents.

Environment - MP 501SPF and MP 601SPF		
Feature	**Advantage**	**Benefit**
Sleep mode	In energy saving sleep mode, the new devices consume 1.1 W.	Reduces energy consumption.
Eco-information screen	A pop-up, visible at the control panel, reports green metrics, such as the number of double sided prints.	Encourages sustainable print behavior.
Low TEC (typical electricity consumption)	The new MFPs are energy efficient with TEC rating of 2.8 kWh and 3.3 kWh.	Save energy and reduce carbon emissions.
Blue Angel (BAM), Energy Star and EPEAT Silver	The new MFPs are compliant with the latest environmental standards, including Blue Angel Mark (BAM), Energy Star v2 and EPEAT Silver	Don't just take Ricoh's word for it; third party certification proves that these devices are eco-friendly.

6. Specifications

General Specifications - MP 501SPF and MP 601SPF		
Warm-up time	60 seconds	
First output speed	B/W	6 seconds
CPU	Intel Atom Processor Bay Trail	1.46GHz
Memory	Standard	2 GB
HDD	Standard	320 MB
Duty cycle	250,000/275,000 prints per month	
Reproduction ratio	200%	
	141%	
	100%	
	93%	
	71%	
	50%	
Zoom	From 25% to 400% in 1% step	
UI features	UI customization	
	My operation panel	
	Operation manual on operation panel	
	Workflow improvement with one-button	
	External USB keyboard	
	QWERTY layout keyboard	
	AZERTY layout keyboard	
	Function key	
	Simple UI apps	
	Simple Function apps	
	Smart Apps	
	Smart Device-like LCD operability	
	Zoo	
Accessibility features	Easy touch screen	
	Tilt operation panel	
	Distinguishable LED	
	Electronic manual (CD manual)	
	Printer driver (PCL6) screen reader	
	Simplified display	
	Auditory outputs (easy to hear)	
	Barrier-free colour management mode	
	Visually accessible LED placement	
Other value-added features	Folder management with password in Document Server	
	Import/export of preferred settings	
	Information screen (eco-friendly indicator)	
	Bates stamp	

	ID card copy	
	Subset stapling	
	Centralized Address Book Management	
Dimensions (W x D x H)	475 x 504 x 645 mm	
Weight	Basic model	28 kg
Power source	220 - 240 V, 50/60 Hz	

Copier Specifications - MP 501SPF and MP 601SPF		
Copying process	Laser beam scanning and electro-photographic printing	
Multiple copying	Up to 999 copies	
Resolution	600 x 600 dpi	
Enhanced features	Auto Paper Selection (APS)	
	Auto tray switch	
	Series	Book to simplex
		2 Sided original to simplex
	Electronic sort	
	Auto start	
	Directional magnification	
	Directional size magnification	

Printer Specifications - MP 501SPF and MP 601SPF		
Printer language	Standard	PCL5e
		PCL6
		Adobe® PostScript® 3™
		PDF
	Option	XPS
		IPDS
Print resolution	Maximum	1,200 x 1,200 dpi
Interface	Standard	USB 2.0
		SD slot
		Bluetooth
		Ethernet 10 base-T/100 base-TX/1000 base-T
	Option	Bi-directional IEEE 1284
		Wireless LAN (IEEE 802.11a/b/g)
		USB Server for Second Network Interface
		NIC2 Port
Mobile printing capability	Apple AirPrint™	
Network protocol	Standard	TCP/IP
Windows® environments	Windows® Vista	

	Windows® 7	
	Windows® 8	
	Windows® 8.1	
	Windows® 10	
	Windows® Server 2003	
	Windows® Server 2003R2	
	Windows® Server 2008	
	Windows® Server 2008R2	
	Windows® Server 2012	
	Windows® Server 2012R2	
Mac OS environments	Macintosh OS X Native v10.7 or later	
UNIX environments	UNIX Sun® Solaris	9
		10
	HP-UX	11.x
		11i v2
		11i v3
	SCO OpenServer	5.0.7
		6.0
	RedHat® Linux	
	4	
	5	
	6	
	IBM® AIX	5L v5.3
		5L v6.1
		5L v7.1
SAP® R/3® environments	SAP® R/3®	SAP Enterprise
Printer driver features	Sample print	
	Locked print	
	Hold print	
	Scheduled print	
	Stored print	
	Store and print	
	Reduce/enlarge(zoom/scaling)	
	Poster	
	Banner Page Print (Job Sheet Print)	
	User code	
	User authentication	
	PDF direct print	
	Mail to print	

	Classification code
	Bonjour (Rendezvous) support
	Windows® Active Directory support
	DDNS support
	PCL resident font adoption
	Tray-parameter change from Web Image Monitor
	1,200 dpi support
	XPS support
	WS printer
	Wireless LAN interface option
	Media Direct Print (print from USB)
	Media Direct Print (print from SD)
	Auto Job Promotion
	AirPrint
	Poster Print
	WPS (WiFi Protected Set-up) support

Scanner Specifications - MP 501SPF and MP 601SPF		
Scanning area	Main scan	216 mm
	Sub scan	356 mm
Scanning speed	Full colour	Maximum 40 originals per minute
	B/W	Maximum 60 originals per minute
Resolution	Standard	100 dpi
		200 dpi
		300 dpi
		400 dpi
		600 dpi
	Default	200 dpi
	Maximum	600 dpi
Network interface	Ethernet 10 base-T/100 base-TX	
	GigaEther (1000 base-T)	
	Wireless LAN (IEEE 802.11a/b/g/n)	
Protocol	TCP/IP	
	Web Services on Devices for Scanning	
	Scan to Folder: SMB, FTP	
	Sending E-mail: SMTP	
Scan mode	Standard	B/W text/line art
		B/W text
		B/W text/photo

		B/W photo
		B/W grayscale
		Full colour text/photo
		ACS
		Full colour glossy photo
Image density	Auto Density Selection	
	Manual: 7 levels	
Original size	A4	
	A5	
	B4	
	B5	
File format	Single page TIFF	
	Single page JPEG	
	Single page PDF	
	Single page High compression PDF	
	Multi page TIFF	
	Multi page PDF	
	Multi page High compression PDF	
Scanner features	Scan to USB/SD	
	WS-Scanner	
	Scanned file naming	Reference # setting
	Scan file type selection	Single TIFF
		Single JPEG (greyscale)
		Single PDF
		Single High Compression PDF
		Multi Page TIFF/PDF
		Multi page High Compression PDF
	LDAP Support	E-mail address search
		Fax address search
	Preview before transmission (TX preview)	
	PDF encryption	
	Drop out colour send	
	Twain Scan	
	Universal send (simultaneous fax & scan)	
	Distributed Scan Management (DSM)	
Scan to	E-mail	E-mail message attached
		Subject attached
		SMTP Auth
		POP before SMTP

	Folder	
	USB	
	SD card	
	SMB	
	FTP	
	URL	
	PDF/A	
	Digitally signed PDF	
	Searchable PDF (embedded)	

Fax Specifications - MP 501SPF and MP 601SPF			
Circuit	PSTN		
	PBX		
Compatibility	ITU-T (CCITT) G3		
Resolution	Standard	8 x 3.85 line/mm, 200 x 100 dpi	
		8 x 7.7 line/mm, 200 x 200 dpi	
Compression method	MH		
	MR		
	MMR		
	JBIG		
Transmission speed	G3	2 second(s)	
		2 second(s) (200 x 100 dpi)	
Modem speed	Maximum	33.6 Kbps	
Scanning speed	1.5 second(s)		
Memory capacity	4 MB		
Internet Fax	Requirement of mainframe	No requirement	
	Number of address	2,000 addresses	
	Email address input	From LCD operation panel	
		Web Image Monitor	
		Smart Device Monitor for Admin	
	Attention	"to" or "bcc" (select only one), maximum 500 attentions	
	Destination combination	Internet Fax + G3 Fax	
	Network	Ethernet/10Base-T	
		Ethernet/100Base-TX	
		Ethernet/1000Base-T	
		IEEE 802.11a/b/g/n (Wireless LAN)	
	Transmit function	E-mail	
	Scan line density	Standard character	200 x 100 dpi
		Detail character	200 x 200 dpi

		Fine character	200 x 400 dpi
		Super fine character	400 x 400 dpi
	(Maximum) Original size	A4	
	Communication protocol	Transmission	SMTP, TCP/IP
		Reception	POP3
			SMTP
			IMAP4
			TCP/IP
	Email format	Single/multi-part	
		MIME Conversion	
		Attached file forms: TIFF-F (MH, MR, MMR compression)	
	Authentication method	SMTP-AUTH	
		POP before SMTP	
		A-POP	
	Internet communication	Send and receive e-mail with a computer that has an e-mail address	
	E-mail send functions	Automatic conversion of sent documents to e-mail format and e-mail transmission. Memory transmission only.	
	E-mail receive functions	Automatic detection and printing of appended TIFF-F(MH) files and ASCII text. Memory reception only.	
Paper size	A4		
	B5		
	A5		
Resolution	Detail	200 x 200 dpi	
	Standard	200 x 100 dpi	
	Reduce 400dpi image data to 400dpi		
Number of addresses	2,000 addresses		
OS	Windows® Vista		
	Windows® 7		
	Windows® 8		
	Windows® 8.1		
	Windows® Server 2003		
	Windows® Server 2003R2		
	Windows® Server 2008		
	Windows® Server 2008R2		
	Windows® Server 2012		
	Windows® Server 2012R2		
IP Fax	Network	Ethernet/10Base-T	
		Ethernet/100Base-TX	
		Ethernet/1000Base-T	

		IEEE 802.11a/b/g/n (Wireless LAN)	
	Scan Line Density	Standard character	200 dpi x 100 dpi
		Detail character	200 dpi x 200 dpi
	Maximum scanning size	Standard	210 mm x 297 mm
		Irregular	210 mm x 356 mm
	Transmission protocol	Recommended: T.38, TCP, UDP/IP communication, SIP(RFC 3261 compliant), H.323 v2	
	IPv6 support		
	Compatible machines	IP-Fax compatible machines	
	IP-fax transmission function	Specify an IP address and send faxes to an IP-Fax compatible fax through a network. Also capable of sending faxes from a G3 fax connected to a telephone line via a VoIP gateway.	
	IP-fax reception function	Receive faxes sent from an IP-Fax compatible fax through a network. Also capable of receiving faxes from a G3 fax connected to a telephone line via a VoIP gateway	
	Original size	Maximum	A4
Fax features	Remote Fax		
	Detection of misplaced document		
	Double-check of destination address		
	Direct SMTP		
	Forward to E-mail	Inbound fax (G3/Internet)	
		G3 fax transmission result	
		G3 LAN fax transmission result	
		Internet fax sending result (to SMTP)	
		Fax to e-mail result (to SMTP)	
		IP fax sending result	
		Journal	
		Fax from special sender	
		Fax and forward designated receiver (SUB)	
	Fax forward to folder	with e-mail notification	
	Paperless fax (HDD received)	with e-mail notification	
	LAN-fax with cover sheet editor		
	LDAP Support	Fax address search	
	Max G3 lines		
	Universal Send (simultaneous fax & scan)		
	DS stored data sending		
	Fax output timer		

Paper Specifications - MP 501SPF and MP 601SPF		
Recommended paper size	Standard paper tray(s)	A4
		A5
		A6
		B4
		B5
		B6
Paper input capacity	Standard	500 sheets
	Maximum	2,600 sheets
Paper output capacity	Standard	500 sheets
Paper weight	60 - 220 g/m²	

Security Specifications - MP 501SPF and MP 601SPF		
IP address filtering		
HDD Data Overwrite Security		
HDD Data Overwrite Security (with optional HDD)		
HDD encryption (with optional HDD)		
Authentication	Windows® authentication	
	LDAP authentication	Kerberos
	Basic authentication	
	User code authentication	
	802.1.x wired authentication	
Encryption	Address book encryption	
	Authentication password encryption	
	SSL communication	
	S/MIME	
	IPsec communication	
	HDD encryption	
	Type A	
	Address book encryption	
	Authentication password encryption	
	WPA2 (Wireless LAN)	
Secure print		
Encrypted secure print		
IP Sec		
Secure Sockets Layer (SSL)		
Transport layer security		
Digitally signed PDF		
Network security		

Others	Network Protocol On/Off	
	IP filtering (Access Control)	
	Mask Type for copying/data security	
	Copy Data Security Unit option	
Unauthorised copy prevention (print)		
Quota Setting/Account Limit		
SMTP over SSL		
Compulsory security stamp		

Environmental Specifications - MP 501SPF and MP 601SPF		
Power consumption	Maximum	1,500 W
	Ready mode	90.7/88.6 W or less
	TEC (Typical Electricity Consumption)	2.8/3.3 kWh
	Energy Saver mode	1.1 W
Material emission level (emission rate)	Ozone (Print)	Operation: 1.5 mg/h
	Dust (Print)	Operation: 0.26 mg/h
	Styrene (Print)	Operation: 0.26 mg/h
	Benzene (Print)	Operation: 0.05 mg/h
	RoHS compliance	
Environmental labels/ENERGY STAR certification	BAM	
	ENERGY STAR version 1.1	
	ENERGY STAR version 2.0	
Storage conditions	Temperature	-20°C - 40°C
	Humidity	10% - 90%
	Storage period	Maximum 12 months
	Maximum stack	3 cartons
Transportation conditions	Temperature	-20 - 55°C
	Humidity	Less than 90%
	Maximum stack	2 cartons

Option Specifications - MP 501SPF and MP 601SPF
4 x 500-sheet paper tray
Caster table
Low cabinet
High cabinet
Bi-directional IEEE 1284
Wireless LAN (IEEE 802.11a/b/g/n)

Bluetooth
IPDS unit
Counter interface
File format converter
Data Overwrite Security Unit (Certified version)
Fax Connection Unit
OCR Unit
XPS direct print
Enhanced security HDD
NFC Card Reader
USB Device Server

Consumable Specifications - MP 501SPF and MP 601SPF	
Toner capacity	25,000 prints
Starter toner	10,000 prints

8. Service and Supplies

MP 501SPF and MP 601SPF are self-maintenance models that can be included in a PpP service contract.

PpP servicing offers the following customer advantages:

- Transparent pricing
- Includes toner and servicing
- Pre-agreed page cost
- Metered pay as you go billing

MP 501SPF and MP 601SPF benefit from an extended maintenance interval. The maintenance kit, which includes a long life drum, has yield of 500,000 pages. The extended maintenance interval helps to reduce page costs.

MP 501SPF and MP 601SPF have similar running costs to MP 401SPF. Although the running costs are similar, sales people should refer to service or sales management for actual service pricing.

The new machines are productive and durable. With duty cycles of 250,000 pages (MP 501SPF) and 275,000 pages (MP 601SPF), they support a wide range of print volumes and will reliably handle large peaks in volume.

Using @Remote, the devices can be monitored in real-time enabling Ricoh's service operation to identify issues before they become apparent to users and deliver consumable items such as toner in advance of need.

Consumable yields and service parameters are provided below:

Service and Supplies Specifications - MP 501SPF and MP 601SPF			
		MP 501SPF	**MP 601SPF**
Document Volume	Average Monthly Volume	5,500 pages	6,500 pages
	Maximum Monthly Volume	16,666 pages	
	Duty Cycle	250,000 pages	275,000 pages
Consumable Yield	Black Toner	25,000 pages	
Service Life	Target Life (Mainframe)	1 million pages or five years, whichever comes first	

9. Competition

- **Highly productive (1.45 GHz processor, 6 second first page, 50/60 ppm throughput)**
- **Easier to use (Smart Operation Panel, Intuitive User Interface and Smart Device Connector)**
- **Workflow enabled (GWNX controller, VM card and HDD offering solutions support)**
- **Environmentally friendly (Blue Angel, Energy Star and EPEAT compliant)**
- **More durable (250/275k duty cycle and 500k maintenance interval)**
- **4-in-1 MFP (fax, ARDF, colour scanning, PS3 printing and web browser included as standard)**

We have compared the specifications of the MFPs against the specifications of their closest competitors, identifying advantages against each.

Data was obtained from the web and from brochures. Whilst care was taken to ensure that information is accurate, no liability will be accepted for errors and omissions.

The models compared are:

MP 501SPF ★★★★★	Versus	Kyocera Ecosys M3550idn Lexmark 611DHE Lexmark MX810DFE Samsung M5370LX Xerox 4265V/S

MP 601SPF ★★★★★	Versus	HP Laserjet Enterprise MFP M630f Kyocera Ecosys M3560idn Lexmark MX710DE Lexmark MX711DHE

Model	Ricoh MP 501SPF	Kyocera Ecosys M3550idn	
Segment			
Model Type	B&W A4 MFP	B&W A4 MFP	
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Scanner	Std	Std	
Fax	Std	Std	
Physical			
Dimensions (HxWxD)	645 x 475 x 504 mm	590 x 475 x 455 mm	
Footprint	0.239 m²	0.216 m²	
Weight	28 kg	23.3 kg	
Control Panel	10.1" colour touch screen	7" colour touch screen	Larger, easier to control panel ★
Performance			
Warm-up Time	60 sec	21 sec	
First Page	6.0 sec	8.0 sec	One-off prints produced faster ★
Multi Page	50 PPM	50 PPM	
Duty Cycle	250,000 impressions	250,000 impressions	
Processor	1.46 Ghz	667 MHz	Processes complex tasks easier ★
Paper Supply			
Stations (std/max)	2/6	2/6	
Capacity (std/max)	600/2600 sheets	600/2600 sheets	
Paper weights	64 - 120 gsm	60 - 176 gsm	
Paper Sizes	A6 to A4	A6 to A4	
Document Handling			
Document Feed	Std ARDF	Std ARDF	
Capacity (spd/cap)	50ipm /75 orig	50ipm /75 orig	
Duplex	Std	Std	
Bypass (cap/wght)	100 sheet/ 60 - 220 gsm	100 sheet/ 60 - 220 gsm	
Finisher available	No	No	
Printer			
PDL	PCL 5e/6, PDF Direct, PS3 (std)	PCL 5e/6/ XL, PDF Direct, PS3, XPS(std)	
Resolution	1200 x 1200 dpi	1200 x 1200 dpi	
Memory	2 GB RAM, 320GB HDD (std)	1 GB RAM (std) 2GB RAM & 128GB HDD (opt)	Std. Hard drive for increased storage ★
Interface	Gigabit Ethernet, USB 2.0 Host/ SD Card Reader (std) Wireless, Bluetooth, IEEE1284, NIC 2 Port	Gigabit Ethernet, USB 2.0 Host, (std) IEEE1284, Wireless (opt)	
Scanner			
Speed (col/mon)	40 ipm Colour/ 60 ipm Black	40 ipm Colour/ 60 ipm Black	
TWAIN Compatible	Yes	Yes	
Scan Destinations			
Email	Yes	Yes	
FTP	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	Yes	
Facsimile			
Multiple Lines	No	No	
Dual Access	Yes	Yes	

Main Options

Paper Feed Unit (500 sheets)	Paper Feed Unit (500 sheets)
Caster Table	Output Tray
Extended USB Board	Low Cabinet
IEEE 1284 Interface Board	Card reader holder
Wireless LAN Card (IEEE802.11a/b/g/n)	10/100/1000 Base TX Gigabit Ethernet
Bluetooth Interface Unit (USB)	Interface 8-2.11b/g/n
USB Device Server Option (NIC 2 Port)	128GB HDD
XPS Direct Print Option	16GB SD
NFC Card Reader	32GB SD
DataOverwriteSecurity Unit	Type D Barcode
File Format Converter	AC Card authentication kit
Enhanced Security HDD Option	E Data security kit
OCR Unit	
Optional Counter Interface Unit	
Fax Connection Unit	

Model	Ricoh MP 501SPF	Lexmark 611DHE	Advantages
Segment			
Model Type	B&W A4 MFP	B&W A4 MFP	
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Scanner	Std	Std	
Fax	Std	Std	
Physical			
Dimensions (HxWxD)	645 x 475 x 504 mm	673 x 572 x 599 mm	
Footprint	0.239 m²	0.342 m²	Ultra compact, needs 30% less space ★
Weight	28 kg	28 kg	
Control Panel	10.1" colour touch screen	7" colour touch screen	Larger, easier to control panel ★
Performance			
Warm-up Time	60 sec	INA	
First Page	6.0 sec	6.5 sec	One-off prints produced faster
Multi Page	50 PPM	47 PPM	
Duty Cycle	250,000 impressions	175,000 impressions	Handles larger peak volumes ★
Processor	1.46 Ghz	800 MHz	Processes complex tasks easier ★
Paper Supply			
Stations (std/max)	2/6	2/5	
Capacity (std/max)	600/2600 sheets	650/2300 sheets	
Paper weights	64 - 120 gsm	60 - 120 gsm	
Paper Sizes	A6 to A4	A6 to A4	
Document Handling			
Document Feed	Std ARDF	Std ARDF	
Capacity (spd/cap)	50ipm /75 orig	50ipm /50 orig	
Duplex	Std	Std	
Bypass (cap/wght)	100 sheet/ 60 - 220 gsm	100 sheet/ INA	
Finisher available	No	Yes	
Printer			
PDL	PCL 5e/6, PDF Direct, PS3 (std)	PCL 5e/6, PDF Direct, PS3, PPDS, XPS(std)	
Resolution	1200 x 1200 dpi	1200 x 1200 dpi	
Memory	2 GB RAM, 320GB HDD (std)	1 GB RAM, 320GB HDD (std)	
Interface	Gigabit Ethernet, USB 2.0 Host/ SD Card Reader (std) Wireless, Bluetooth, IEEE1284, NIC 2 Port	Gigabit Ethernet, USB 2.0 Host, Wireless, Bluetooth (std) IEEE1284 (opt)	
Scanner			
Speed (col/mon)	40 ipm Colour/ 60 ipm Black	32 ipm Colour/ 48 ipm Black	Scan documents at high speed ★
TWAIN Compatible	Yes	Yes	
Scan Destinations			
Email	Yes	Yes	
FTP	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	Yes	
Facsimile			
Multiple Lines	No	No	
Dual Access	Yes	Yes	

Main Options

Paper Feed Unit (500 sheets)	Paper Feed Unit (250 sheets)
Caster Table	Paper Feed Unit (550 sheets)
Extended USB Board	Paper Feed Unit lockable tray (550 sheets)
IEEE 1284 Interface Board	Staple unit
Wireless LAN Card (IEEE802.11a/b/g/n)	Adjustable stand
Bluetooth Interface Unit (USB)	Cabinet
USB Device Server Option (NIC 2 Port)	Low profile print stand
XPS Direct Print Option	1024 MB RAM
NFC Card Reader	2048 MB RAM
DataOverwriteSecurity Unit	265 MB Flash Memory Card
File Format Converter	IPDS unit
Enhanced Security HDD Option	Wireless
OCR Unit	Parallel Cable
Optional Counter Interface Unit	Voice Guidance kit
Fax Connection Unit	

Model	Ricoh MP 501SPF	Lexmark MX810DFE	
Segment			
Model Type	B&W A4 MFP	B&W A4 MFP	
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Scanner	Std	Std	
Fax	Std	Std	
Physical			
Dimensions (HxWxD)	645 x 475 x 504 mm	1327 x 663 x 734 mm	
Footprint	0.239 m²	0.486 m²	Ultra compact, needs 50% less space ★
Weight	28 kg	87.6 kg	
Control Panel	10.1" colour touch screen	10" colour touch screen	
Performance			
Warm-up Time	60 sec	INA	
First Page	6.0 sec	4.8 sec	
Multi Page	50 PPM	52 PPM	
Duty Cycle	250,000 impressions	300,000 impressions	
Processor	1.46 Ghz	800 MHz	Processes complex tasks easier ★
Paper Supply			
Stations (std/max)	2/6	3/5	
Capacity (std/max)	600/2600 sheets	1200/2300 sheets	
Paper weights	64 - 120 gsm	60 - 176 gsm	
Paper Sizes	A6 to A4	A6 to A4	
Document Handling			
Document Feed	Std ARDF	Std SPDF	
Capacity (spd/cap)	50ipm /75 orig	INA /150 orig	
Duplex	Std	Std	
Bypass (cap/wght)	100 sheet/ 60 - 220 gsm	100 sheet/ 60 - 176 gsm	
Finisher available	No	Yes	
Printer			
PDL	PCL 5e/6, PDF Direct, PS3 (std)	PCL 5e/6/ XL, PDF Direct, PS3, PPDS, XPS(std)	
Resolution	1200 x 1200 dpi	1200 x 1200 dpi	
Memory	2 GB RAM, 320GB HDD (std)	1 GB RAM, 320GB HDD (std)	
Interface	Gigabit Ethernet, USB 2.0 Host/ SD Card Reader (std) Wireless, Bluetooth, IEEE1284, NIC 2 Port	Gigabit Ethernet, USB 2.0 Host, (std) IEEE1284, Wireless (opt)	
Scanner			
Speed (col/mon)	40 ipm Colour/ 60 ipm Black	66 ipm Colour/ 66 ipm Black	
TWAIN Compatible	Yes	Yes	
Scan Destinations			
Email	Yes	Yes	
FTP	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	Yes	
Facsimile			
Multiple Lines	No	No	
Dual Access	Yes	Yes	

Main Options

Paper Feed Unit (500 sheets)	Paper Feed Unit (550 sheets)
Caster Table	1024 MB RAM
Extended USB Board	2048 MB RAM
IEEE 1284 Interface Board	256 MB Flash Memory Card
Wireless LAN Card (IEEE802.11a/b/g/n)	IPDS
Bluetooth Interface Unit (USB)	Wireless
USB Device Server Option (NIC 2 Port)	Parallel Cable
XPS Direct Print Option	Voice Guidance kit
NFC Card Reader	
DataOverwriteSecurity Unit	
File Format Converter	
Enhanced Security HDD Option	
OCR Unit	
Optional Counter Interface Unit	
Fax Connection Unit	

Model	Ricoh MP 501SPF	Samsung M5370LX	
Segment			
Model Type	B&W A4 MFP	B&W A4 MFP	
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Scanner	Std	Std	
Fax	Std	Optional	MP 501SPF includes fax as standard ★
Physical			
Dimensions (HxWxD)	645 x 475 x 504 mm	636 x 630 x 506 mm	
Footprint	0.239 m²	0.319 m²	Ultra compact, needs 25% less space ★
Weight	28 kg	49 kg	
Control Panel	10.1" colour touch screen	10.1" colour touch screen	
Performance			
Warm-up Time	60 sec	INA	
First Page	6.0 sec	7.5 sec	One-off prints produced faster ★
Multi Page	50 PPM	53 PPM	
Duty Cycle	250,000 impressions	300,000 impressions	
Processor	1.46 Ghz	1 GHz	Processes complex tasks easier ★
Paper Supply			
Stations (std/max)	2/6	2/4	
Capacity (std/max)	600/2600 sheets	620/3240 sheets	
Paper weights	64 - 120 gsm	60 - 163 gsm	
Paper Sizes	A6 to A4	A6 to A4	
Document Handling			
Document Feed	Std ARDF	Std SPDF	
Capacity (spd/cap)	50ipm /75 orig	INA /100 orig	
Duplex	Std	Std	
Bypass (cap/wght)	100 sheet/ 60 - 220 gsm	100 sheet/ 60 - 163 gsm	
Finisher available	No	Yes	
Printer			
PDL	PCL 5e/6, PDF Direct, PS3 (std)	PCL 5e/6, PS3(std)	
Resolution	1200 x 1200 dpi	1200 x 1200 dpi	
Memory	2 GB RAM, 320GB HDD (std)	2 GB RAM, 320GB HDD (std)	
Interface	Gigabit Ethernet, USB 2.0 Host/ SD Card Reader (std) Wireless, Bluetooth, IEEE1284, NIC 2 Port	Hi-Speed USB 2.0 Host / Device, Ethernet 10 / 100 / 1000 Base TX (std) IEEE 802.11b/g/n + NFC Active Type (opt)	
Scanner			
Speed (col/mon)	40 ipm Colour/ 60 ipm Black	53 ipm Colour/ 60 ipm Black	
TWAIN Compatible	Yes	INA	
Scan Destinations			
Email	Yes	Yes	
FTP	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	INA	
Facsimile			
Multiple Lines	No	No	
Dual Access	Yes	Yes	

Main Options

	Paper Feed Unit (500 sheets)	HCF 2,100 sheets
	Caster Table	Paper drawer 520 sheets
	Extended USB Board	Finisher
	IEEE 1284 Interface Board	Mailbox
	Wireless LAN Card (IEEE802.11a/b/g/n)	Stand short
	Bluetooth Interface Unit (USB)	Stand w/storage cabinet
	USB Device Server Option (NIC 2 Port)	Table work
	XPS Direct Print Option	Fax option
	NFC Card Reader	Interface 802.11b/g/n with NFC
	DataOverwriteSecurity Unit	Foreign device interface
	File Format Converter	
	Enhanced Security HDD Option	
	OCR Unit	
	Optional Counter Interface Unit	
	Fax Connection Unit	

Model	Ricoh MP 501SPF	Xerox 4265V/S	
Segment			
Model Type	B&W A4 MFP	B&W A4 MFP	
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Scanner	Std	Std	
Fax	Std	Option	MP 501SPF includes fax as standard ★
Physical			
Dimensions (HxWxD)	645 x 475 x 504 mm	624 x 621 x 511 mm	
Footprint	0.239 m²	0.317 m²	Ultra compact, needs 25% less space ★
Weight	28 kg	42 kg	
Control Panel	10.1" colour touch screen	10.1" colour touch screen	
Performance			
Warm-up Time	60 sec	60 sec	
First Page	6.0 sec	8.0 sec	One-off prints produced faster ★
Multi Page	50 PPM	53 PPM	
Duty Cycle	250,000 impressions	250,000 impressions	
Processor	1.46 Ghz	1 GHz	Processes complex tasks easier ★
Paper Supply			
Stations (std/max)	2/6	2/4	
Capacity (std/max)	600/2600 sheets	620/3240 sheets	
Paper weights	64 - 120 gsm	60 - 105 gsm	
Paper Sizes	A6 to A4	A6 to A4	
Document Handling			
Document Feed	Std ARDF	Std SPDF	
Capacity (spd/cap)	50ipm /75 orig	INA /100 orig	
Duplex	Std	Std	
Bypass (cap/wght)	100 sheet/ 60 - 220 gsm	100 sheet/ 60 - 163 gsm	
Finisher available	No	Yes	
Printer			
PDL	PCL 5e/6, PDF Direct, PS3 (std)	PCL 5e/6, PS3(std)	
Resolution	1200 x 1200 dpi	1200 x 1200 dpi	
Memory	2 GB RAM, 320GB HDD (std)	2 GB RAM, 320GB HDD (std)	
Interface	Gigabit Ethernet, USB 2.0 Host/ SD Card Reader (std) Wireless, Bluetooth, IEEE1284, NIC 2 Port	Hi-Speed USB 2.0 Host / Device, Ethernet 10 / 100 / 1000 Base TX (std) IEEE 802.11b/g/n + NFC Active Type (opt)	
Scanner			
Speed (col/mon)	40 ipm Colour/ 60 ipm Black	53 ipm Colour/ 60 ipm Black	
TWAIN Compatible	Yes	INA	
Scan Destinations			
Email	Yes	Yes	
FTP	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	INA	
Facsimile			
Multiple Lines	No	No	
Dual Access	Yes	Yes	

Main Options

Paper Feed Unit (500 sheets)	HCF 2,100 sheets
Caster Table	Paper drawer 520 sheets
Extended USB Board	Finisher
IEEE 1284 Interface Board	Mailbox
Wireless LAN Card (IEEE802.11a/b/g/n)	Stand short
Bluetooth Interface Unit (USB)	Stand w/storage cabinet
USB Device Server Option (NIC 2 Port)	Table work
XPS Direct Print Option	Fax option
NFC Card Reader	Interface 802.11b/g/n with NFC
DataOverwriteSecurity Unit	Foreign device interface
File Format Converter	Stand for four trays
Enhanced Security HDD Option	Network fax server enablement
OCR Unit	Interface 802.11b/g/n
Optional Counter Interface Unit	Common access card enablement
Fax Connection Unit	Foreign device interface

Model	Ricoh MP 601SPF	HP Laserjet Enterprise MFP M630f	
Segment			
Model Type	B&W A4 MFP	B&W A4 MFP	
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Scanner	Std	Std	
Fax	Std	Std	
Physical			
Dimensions (HxWxD)	645 x 475 x 504 mm	737 x 643 x 1110 mm	
Footprint	0.239 m²	0.474 m²	Ultra compact, needs 50% less space ★
Weight	28 kg	73.5 kg	
Control Panel	10.1" colour touch screen	8" colour touch screen	Larger, easier to control panel ★
Performance			
Warm-up Time	60 sec	INA	
First Page	6.0 sec	8.5 sec	One-off prints produced faster ★
Multi Page	60 PPM	57 PPM	
Duty Cycle	275,000 impressions	250,000 impressions	Handles larger peak volumes ★
Processor	1.46 Ghz	800 MHz	Processes complex tasks easier ★
Paper Supply			
Stations (std/max)	2/6	4/4	
Capacity (std/max)	600/2600 sheets	1600/1600 sheets	
Paper weights	64 - 120 gsm	60 - 200 gsm	
Paper Sizes	A6 to A4	A6 to A4	
Document Handling			
Document Feed	Std ARDF	Std SPDF	
Capacity (spd/cap)	50ipm /75 orig	50ipm /100 orig	
Duplex	Std	Std	
Bypass (cap/wght)	100 sheet/ 60 - 220 gsm	100 sheet/ 60 - 220 gsm	
Finisher available	No	No	
Printer			
PDL	PCL 5e/6, PDF Direct, PS3 (std)	PCL 5e/6, PS3(std)	
Resolution	1200 x 1200 dpi	1200 x 1200 dpi	
Memory	2 GB RAM, 320GB HDD (std)	1.5 GB RAM, 320GB HDD (std) 2GB RAM & 320GB HDD (opt)	
Interface	Gigabit Ethernet, USB 2.0 Host/ SD Card Reader (std) Wireless, Bluetooth, IEEE1284, NIC 2 Port	Gigabit Ethernet, USB 2.0 Host, (std) IEEE1284, Wireless (opt)	
Scanner			
Speed (col/mon)	40 ipm Colour/ 60 ipm Black	45 ipm Colour/ 60 ipm Black	
TWAIN Compatible	Yes	INA	
Scan Destinations			
Email	Yes	Yes	
FTP	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	INA	
Facsimile			
Multiple Lines	No	No	
Dual Access	Yes	Yes	

Main Options

Paper Feed Unit (500 sheets)	Envelope Feeder
Caster Table	Mailbox 3-bin stapling
Extended USB Board	Print server 802.11b/g wireless Jetdirect ew2500
IEEE 1284 Interface Board	Print server NFC/ wireless direct Jetdirect 2900w
Wireless LAN Card (IEEE802.11a/b/g/n)	Print server wireless USB Jetdirect 2700w
Bluetooth Interface Unit (USB)	
USB Device Server Option (NIC 2 Port)	
XPS Direct Print Option	
NFC Card Reader	
DataOverwriteSecurity Unit	
File Format Converter	
Enhanced Security HDD Option	
OCR Unit	
Optional Counter Interface Unit	
Fax Connection Unit	

Model	Ricoh MP 601SPF	Kyocera Ecosys M3560idn	
Segment			
Model Type	B&W A4 MFP	B&W A4 MFP	
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Scanner	Std	Std	
Fax	Std	Std	
Physical			
Dimensions (HxWxD)	645 x 475 x 504 mm	590 x 475 x 455 mm	
Footprint	0.239 m²	0.216 m²	
Weight	28 kg	23.3 kg	
Control Panel	10.1" colour touch screen	7" colour touch screen	Larger, easier to control panel ★
Performance			
Warm-up Time	60 sec	21 sec	
First Page	6.0 sec	8.0 sec	One-off prints produced faster ★
Multi Page	60 PPM	60 PPM	
Duty Cycle	275,000 impressions	275,000 impressions	
Processor	1.46 Ghz	667 MHz	Processes complex tasks easier ★
Paper Supply			
Stations (std/max)	2/6	2/6	
Capacity (std/max)	600/2600 sheets	600/2600 sheets	
Paper weights	64 - 120 gsm	60 - 176 gsm	
Paper Sizes	A6 to A4	A6 to A4	
Document Handling			
Document Feed	Std ARDF	Std ARDF	
Capacity (spd/cap)	50ipm /75 orig	50ipm /75 orig	
Duplex	Std	Std	
Bypass (cap/wght)	100 sheet/ 60 - 220 gsm	100 sheet/ 60 - 220 gsm	
Finisher available	No	No	
Printer			
PDL	PCL 5e/6, PDF Direct, PS3 (std)	PCL 5e/6/ XL, PDF Direct, PS3, XPS(std)	
Resolution	1200 x 1200 dpi	1200 x 1200 dpi	
Memory	2 GB RAM, 320GB HDD (std)	1 GB RAM (std) 2GB RAM & 128GB HDD (opt)	Std. Hard drive for increased storage ★
Interface	Gigabit Ethernet, USB 2.0 Host/ SD Card Reader (std) Wireless, Bluetooth, IEEE1284, NIC 2 Port	Gigabit Ethernet, USB 2.0 Host, (std) IEEE1284, Wireless (opt)	
Scanner			
Speed (col/mon)	40 ipm Colour/ 60 ipm Black	40 ipm Colour/ 60 ipm Black	
TWAIN Compatible	Yes	Yes	
Scan Destinations			
Email	Yes	Yes	
FTP	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	Yes	
Facsimile			
Multiple Lines	No	No	
Dual Access	Yes	Yes	

Main Options

Paper Feed Unit (500 sheets)	Paper Feed Unit (500 sheets)
Caster Table	Output Tray
Extended USB Board	Low Cabinet
IEEE 1284 Interface Board	Card reader holder
Wireless LAN Card (IEEE802.11a/b/g/n)	10/100/1000 Base TX Gigabit Ethernet
Bluetooth Interface Unit (USB)	Interface 8-2.11b/g/n
USB Device Server Option (NIC 2 Port)	128GB HDD
XPS Direct Print Option	16GB SD
NFC Card Reader	32GB SD
DataOverwriteSecurity Unit	Type D Barcode
File Format Converter	AC Card authentication kit
Enhanced Security HDD Option	E Data security kit
OCR Unit	
Optional Counter Interface Unit	
Fax Connection Unit	

Model	Ricoh MP 601SPF	Lexmark MX710DE	
Segment			
Model Type	B&W A4 MFP	B&W A4 MFP	
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Scanner	Std	Std	
Fax	Std	Std	
Physical			
Dimensions (HxWxD)	645 x 475 x 504 mm	727 x 548 x 578 mm	
Footprint	0.239 m²	0.316 m²	Ultra compact, needs 24% less space ★
Weight	28 kg	43.3 kg	
Control Panel	10.1" colour touch screen	7" colour touch screen	Larger, easier to control panel ★
Performance			
Warm-up Time	60 sec	INA	
First Page	6.0 sec	4.4 sec	
Multi Page	60 PPM	60 PPM	
Duty Cycle	275,000 impressions	300,000 impressions	
Processor	1.46 Ghz	800 MHz	Processes complex tasks easier ★
Paper Supply			
Stations (std/max)	2/6	2/5	
Capacity (std/max)	600/2600 sheets	650/3,300 sheets	
Paper weights	64 - 120 gsm	60 - 176 gsm	
Paper Sizes	A6 to A4	A6 to A4	
Document Handling			
Document Feed	Std ARDF	Std SPDF	
Capacity (spd/cap)	60ipm /75 orig	INA /150 orig	
Duplex	Std	Std	
Bypass (cap/wght)	100 sheet/ 60 - 220 gsm	100 sheet/ 60 - 176 gsm	
Finisher available	No	Yes	
Printer			
PDL	PCL 5e/6, PDF Direct, PS3 (std)	PCL 5e/6/ XL, PDF Direct, PS3, PPDS, XPS(std)	
Resolution	1200 x 1200 dpi	1200 x 1200 dpi	
Memory	2 GB RAM, 320GB HDD (std)	1 GB RAM, 320GB HDD (std)	
Interface	Gigabit Ethernet, USB 2.0 Host/ SD Card Reader (std) Wireless, Bluetooth, IEEE1284, NIC 2 Port	Gigabit Ethernet, USB 2.0 Host, (std) IEEE1284, Wireless (opt)	
Scanner			
Speed (col/mon)	40 ipm Colour/ 60 ipm Black	66 ipm Colour/ 66 ipm Black	
TWAIN Compatible	Yes	Yes	
Scan Destinations			
Email	Yes	Yes	
FTP	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	Yes	
Facsimile			
Multiple Lines	No	No	
Dual Access	Yes	Yes	

Main Options

	Paper Feed Unit (500 sheets)	Paper Feed Unit (550 sheets)
	Caster Table	1024 MB RAM
	Extended USB Board	2048 MB RAM
	IEEE 1284 Interface Board	256 MB Flash Memory Card
	Wireless LAN Card (IEEE802.11a/b/g/n)	IPDS
	Bluetooth Interface Unit (USB)	Wireless
	USB Device Server Option (NIC 2 Port)	Parallel Cable
	XPS Direct Print Option	Voice Guidance kit
	NFC Card Reader	
	DataOverwriteSecurity Unit	
	File Format Converter	
	Enhanced Security HDD Option	
	OCR Unit	
	Optional Counter Interface Unit	
	Fax Connection Unit	

Model	Ricoh MP 601SPF	Lexmark MX711DHE	
Segment			
Model Type	B&W A4 MFP	B&W A4 MFP	
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Scanner	Std	Std	
Fax	Std	Std	
Physical			
Dimensions (HxWxD)	645 x 475 x 504 mm	727 x 548 x 578 mm	
Footprint	0.239 m²	0.316 m²	Ultra compact, needs 24% less space ★
Weight	28 kg	43.3 kg	
Control Panel	10.1" colour touch screen	10" colour touch screen	
Performance			
Warm-up Time	60 sec	INA	
First Page	6.0 sec	4.0 sec	
Multi Page	60 PPM	66 PPM	
Duty Cycle	275,000 impressions	350,000 impressions	
Processor	1.46 Ghz	800 MHz	Processes complex tasks easier ★
Paper Supply			
Stations (std/max)	2/6	2/5	
Capacity (std/max)	600/2600 sheets	650/3,300 sheets	
Paper weights	64 - 120 gsm	60 - 176 gsm	
Paper Sizes	A6 to A4	A6 to A4	
Document Handling			
Document Feed	Std ARDF	Std SPDF	
Capacity (spd/cap)	60ipm /75 orig	INA /150 orig	
Duplex	Std	Std	
Bypass (cap/wght)	100 sheet/ 60 - 220 gsm	100 sheet/ 60 - 176 gsm	
Finisher available	No	No	
Printer			
PDL	PCL 5e/6, PDF Direct, PS3 (std)	PCL 5e/6/ XL, PDF Direct, PS3, PPDS, XPS(std)	
Resolution	1200 x 1200 dpi	1200 x 1200 dpi	
Memory	2 GB RAM, 320GB HDD (std)	1 GB RAM, 320GB HDD (std)	
Interface	Gigabit Ethernet, USB 2.0 Host/ SD Card Reader (std) Wireless, Bluetooth, IEEE1284, NIC 2 Port	Gigabit Ethernet, USB 2.0 Host, (std) IEEE1284, Wireless (opt)	
Scanner			
Speed (col/mon)	40 ipm Colour/ 60 ipm Black	67 ipm Colour/ 67 ipm Black	
TWAIN Compatible	Yes	Yes	
Scan Destinations			
Email	Yes	Yes	
FTP	Yes	Yes	
HDD	Yes	Yes	
URL	Yes	Yes	
Facsimile			
Multiple Lines	No	No	
Dual Access	Yes	Yes	

Main Options

Paper Feed Unit (500 sheets)	Paper Feed Unit (550 sheets)
Caster Table	1024 MB RAM
Extended USB Board	2048 MB RAM
IEEE 1284 Interface Board	256 MB Flash Memory Card
Wireless LAN Card (IEEE802.11a/b/g/n)	IPDS
Bluetooth Interface Unit (USB)	Wireless
USB Device Server Option (NIC 2 Port)	Parallel Cable
XPS Direct Print Option	Voice Guidance kit
NFC Card Reader	
DataOverwriteSecurity Unit	
File Format Converter	
Enhanced Security HDD Option	
OCR Unit	
Optional Counter Interface Unit	
Fax Connection Unit	

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