bizhub 227

High performance
technology with seamless
mobile connectivity

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Simple to use and built for any working environment

Today, people need to connect seamlessly, so they can focus on whatever they do best. In this new environment, effective collaboration is key. That's why Open Application Program Interface (API) technology is embedded within our high performance monochrome bizhub 227. An innovative approach that offers you maximum flexibility, for superior workflow integration.

Flexible and high quality monochrome output

This multi-function printer (MFP) is designed to be lightweight and compact, yet built to Konica Minolta's legendary standards of reliability. It is a combination that makes it ideal for almost any type of workspace.

The new bizhub 227 delivers crisp, high-resolution black and white office documents up to 1800 x 600 equivalent dpi print resolution at 22 pages per minute.

It also offers high quality 600 dpi scanning through the reverse automatic document feeder (RADF) and significant scan and print media flexibility of documents as large as A3. Your business will benefit from more powerful performance, and high quality output with greater impact. Another time saving feature available via our iOptions is Optical Character Recognition (OCR) – which gives you the ability to scan paper documents and convert them to text-searchable files.

These capabilities are underpinned by a powerful combination of embedded technologies – including a dual core CPU, Emperon Controller, Simitri Toner, Near Field Communications (NFC), Bluetooth LE Wireless and a LED-scanning unit.

Simple and easy to use

The bizhub 227 is very easy to operate, thanks to our unified INFO-Palette design, and the new 7-inch touch panel. Functions can be selected with natural swipe, pinch, zoom, drag and drop gestures – just like smart devices.

We have continued to refine our operational panel technology, so users can benefit from the improved navigation with horizontal scrolling and pop-up menus. For security, a PIN-based system can be used to hold jobs until the authorised owner of the documents releases them.

Our user-friendly approach is leading the way. The Japan Institute of Design Promotion (JDP) bestowed its Good Design Award 2015 on the bizhub 227. Both the hardware and software were recognised for overall excellence in thoughtful design.

Share your ideas anytime, anywhere

We've engineered this new compact A3 MFP to allow effortless printing and scanning via the very latest mobile devices. Thanks to our new PageScope mobile application, this is achieved in the simplest possible way.

The user simply authenticates and prints through the application by touching their mobile device against the Mobile Touch area on the front panel. This enables someone to either print directly from the mobile device – or save scanned data from the bizhub through the mobile application.

Our new multi-touch screen features a web browser as standard, so you can quickly browse web pages before printing. Printing viewable portions of PDF files or maps are at your fingertips for more connectivity and convenience.

The bizhub 227 supports the latest industry-leading wireless, mobile and cloud-based services. For maximum flexibility, you can print and scan via:

Apple AirPrint
Enables printing from a Mac or iOS mobile devices

Mopria Print Service
Enables printing from Android smartphones or tablets

Google Cloud Print
Share the printer over the web with anyone you choose

Direct Print
Print emails and attachments directly from the local network

PageScope Mobile Application
Print and scan documents, photos and images to and from a mobile device via Wi-Fi

Wireless LAN
Greater connectivity in challenging installation environments

You can also use Wi-Fi Direct, which enables up to five compatible mobile devices to connect on a 'Peer-to-Peer' (P2P) basis, directly to the MFP.

Tailor functions to suit your workflow

The innovative new soft and hard menu keys enable the device to understand what you require. And by using the widget function, you can configure menus to display your choice of communications, usage rules and warnings.

You'll also enjoy greater flexibility with a remarkably wide range of scan files formats to suit your needs. Plus many easily configurable paper, finishing and accessory combinations.

Our enhanced iOption accessories allow more powerful, feature rich file conversions to Office Open XML files or PDF file formats.

Combined with our Open API technology, information processed through your bizhub 227 can integrate with more business processes and unlock greater workplace efficiencies both today and tomorrow.

Helping your business thrive

The compact bizhub 227 is capable of strong, reliable performance. It also delivers the class-leading image quality you have come to expect from Konica Minolta. Overall, it offers many benefits for a demanding office environment – such as cost management, workplace efficiency, security and better environmental performance.

Reduced environmental footprint

From the very start of the manufacturing process, we have taken great care to follow industry best practice with the use of recycled materials, bioplastics and advanced chemical processing technologies:

- Reducing our carbon footprint is a top priority, and it has a Typical Electricity Consumption (TEC) of 1.1kWh by switching to energy-saving mode faster and consuming considerably less power than our previous models.

- CPU power turns off during sleep mode for top class 0.5 W power consumption; with TEC reduced by approximately 32-55% across the range compared to our three series.

- High usage of recycled PC/ABS and biomass plastic construction, with recycled materials in approximately 51% of main structure.

A true technology innovator

Konica Minolta invests continually in research and development in order to deliver inspiring products and give shape to ideas. Globally recognised for our award winning products, we work closely with businesses to deliver a range of multifunctional digital imaging solutions for document scanning, printing and electronic archiving and distribution. This consultative approach can help you further improve efficiency, cut costs, strengthen security and reduce your impact on the environment.

Specifications

General

		bizhub 227
Type		Desktop Printer / Copier / Scanner
Copy Resolution	Scan	Main: 600 dpi × Sub: 600 dpi
	Print	1,800 dpi (equivalent) × 600 dpi
Gradation		256
Memory Capacity (Std./Max.)		4GB (with UK-211)
HDD		250 GB
Original Type		Sheets, Books, Objects
Max. Original Size		A3 (11" × 17")
Output Size		Main unit: A3 to A5, 11" × 17" to 8-1/2" × 11", 5-1/2" × 8-1/2", 8" × 13"*1, 16K, 8K Bypass Tray: A3 to A5, B6*2, A6*2, 11" × 17" to 5-1/2" × 8-1/2", 8" × 13" *2, 16K, 8K, Postcard (A6 (4" × 6" Card)), Envelope*3, Label sheet, Tab paper
Image Loss		Max. 4.2mm or less for top edge (5 mm for thin paper), Max. 3.0mm or less for bottom edge, Max. 3.0mm or less for right/left edges *A loss of 4.2 mm each during printing.
Warm-Up Time*4 (23°C, std. voltage) * The time required to start printing when both the main power and sub-power switches are turned from OFF to ON.		20 sec. or less
* The time required to start printing when the main power switch is ON and the sub-power switch is turned from OFF to ON.		15 sec. or less
First Copy Out Time*5		5.3 sec. or less
Copy Speed (A4)		22 ppm
Copy Magnification	Fixed Same Magnification	1: 1±0.5% or less
	Scaling Up	1: 1.154/1.224/1.414/2.000
	Scaling Down	1: 0.866/0.816/0.707/0.500
	Preset	3 types
	Zoom	25 to 400% (in 0.1% increments)
	Lengthwise Crosswise Individual Settings	25 to 400% (in 0.1% increments)
Paper Capacity (80 g/m²)	Tray 1	500 sheets (up to B4)
	Tray 2	500 sheets (up to A3)
	Multiple Bypass Tray	100 sheets (up to A3)
Max. Paper Capacity (80 g/m²)*6		3,600 sheets
Paper Weight	Tray 1 / 2	60 to 220 g/m²
	Multiple BypassTray	60 to 220 g/m²
Multiple Copy		1 to 9,999 sheets
Auto Duplex	Paper Size	A3 to A5*2, B5*7, 11" × 17"*2 to 5-1/2" × 8-1/2"*2, 7-1/4" × 10-1/2", 8" × 13"*2, 16K, 8K*2
	Paper Weight	60 to 209 g/m²
Power Requirements		AC230 V 7 A (50 to 60 Hz)
Max. Power Consumption		1.5 kW or less
Dimensions [W] × [D] × [H]		585 × 660 × 735 mm (23-1/16" × 26" × 28-15/16")
Weight		Approx. 56.5 kg (124-1/2 lb)
Space Requirements [W] × [D]*8		899 × 1,172 mm (35-1/2" × 46-1/4")

*1 There are six types of foolscap: 8-1/2" × 13-1/2"*2, 220 mm × 330 mm*2, 8-1/2" × 13"*2, 8-1/4" × 13"*2, 8-1/8" × 13-1/4"*2, and 8" × 13"*2. Any one of these sizes is selectable. For details, contact your service representative.

*2 Short edge feed

*3 Wrinkles or printing errors may occur due to the type, storage or environment that exists when envelope printing is carried out.

*4 May vary depending on the operating environment and usage.

*5 A4 long edge feed full size/using the first tray/scanning from the original glass surface.

*6 With options installed.

*7 Long edge feed

*8 Without options, with paper trays pulled out and multiple bypass tray opened.

Printer

Type		Embedded
CPU		ARM Cortex-A7 Dual-core 1.2GHz
Memory		Shared with the copier
Print Speed		Same as Copy Speed (when using the same original)
HDD		250 GB (Shared with the copier)
Print Resolution		1,800 dpi (equivalent) × 600 dpi
PDL		PCL 6, PostScript 3 Emulation, XPS
Protocol		TCP/IP, IPX/SPX (NDS support), SMB (NetBEUI), LPD, IPP1.1, SNMP, AppleTalk
Support OS		Windows Vista*1 / 7*1 / 8*1 / 8.1*1 Windows Server 2008*1 / 2008 R2 / 2012 / 2012 R2 Mac OS X (10.6 / 10.7 / 10.8 / 10.9 / 10.10) Linux
Fonts	PCL	80 Roman fonts
	PS	137 Roman Type1 fonts
Interface		Ethernet (10BASE-T/100BASE-TX/1000BASE-T), USB 1.1, USB 2.0, IEEE 802.11 b/g/n*2

*1 Supports the 32-bit (x86) or 64-bit (x64) environment.

*2 Optional

Scanning

Type		Full-Colour Scanner
Interface		Ethernet (10BASE-T/100BASE-TX/1000BASE-T), IEEE 802.11 b/g/n*1
Driver		TWAIN Driver, HDD TWAIN Driver
Protocol		TCP/IP (FTP, SMB, SMTP, WebDAV) (IPv4/IPv6)
Scanning Speed (Colour/B&W) (300 dpi, A4, Simplex)		45 opm*2
Scanning Size		Max. A3 (11" × 17")
Output Format		TIFF, JPEG, PDF, Compact PDF, XPS, Compact XPS, OOXML (pptx, xlsx*1, docx*1), Searchable PDF*1, PDF/A*1, Linearised PDF*1
Scanning Resolution	Push	200 dpi / 300 dpi / 400 dpi / 600 dpi
	Pull	100 dpi / 200 dpi / 300 dpi / 400 dpi / 600 dpi
Main Functions		Scan to E-Mail, Scan to FTP, Scan to BOX (HDD), Scan to PC (SMB), Network TWAIN, Scan to WebDAV, Scan to USB, Scan to Scan Server, Scan to Web Service (WSD-Scan), Device Profile for Web Services (DPWS)
Other Functions		Multi-Method Send, Authentication at the time of E-Mail send (SMTP authentication, POP before SMTP), S/MIME, Annotation

*1 Optional

*2 When using the Reverse Automatic Document Feeder DF-628.

Internet Fax

Protocol	TX: SMTP, RX: POP3, TCP/IP Simple mode
Connection Mode	Full-Mode
Sending Paper Size	A3, B4, A4
Recording Paper Size	Max. A3
Resolution	B/W: 200 × 100 dpi, 200 × 200 dpi, 400 × 400 dpi, 600 × 600 dpi Colour: 200 × 200 dpi, 400 × 400 dpi, 600 × 600 dpi
Interface	Ethernet (10BASE-T/100BASE-TX/1000BASE-T)
Colour	Support Colour Internet Fax
Format	B/W: TIFF-F Colour: TIFF (Conforms to RFC3949 Profile-C)

Fax Kit FK-514 (Optional)

Communication	Super G3
Compatible Lines	Public Switch Telephone Network, Private Branch Exchange, Fax Communication Line
Line Density	Ultra Fine: 600 dpi 600 dpi Super Fine: 16 dot/mm 15.4 line/mm, 400 dpi 400 dpi Fine: 8 dot/mm 7.7 line/mm, 200 dpi 200 dpi Normal: 8 dot/mm 3.85 line/mm
Modem Speed	2.4 to 33.6 kbps
Compression	MH/MR/MMR/JBIG
Sending Paper Size	Max. A3 (Long Length Support: Max.1,000 mm)
Recording Paper Size	Max. A3 (Long Length Max. 1,000 mm — following the page division —)
Transmission Speed	Less than 2 sec. (A4, V.34, 33.6 kbps, JBIG)
Memory	Shared with the copier
Number of Abbr. Dials	2,000
Number of Program Dials	400
Number of Group Dials	100
Sequential Multiple Station Transmission	Max. 600

IP Address Fax   *Optional Fax Kit FK-514 is required.

Protocol Transmission	TCP/IP, SMTP
Sending Paper Size	A3, B4, A4
Resolution	200 × 200 dpi, 400 × 400 dpi, 600 × 600 dpi
Format	B/W: TIFF-F, TIFF-S Colour: TIFF, PDF

Reverse Automatic Document Feeder DF-628 (Optional)

Type		Circulatory duplex system
Support Paper Size		Max. A3 (Fax mode: Max. 1,000 mm)
Mixed Size		Support
Original Set		Centre guide
Support Paper Weight		Simplex: 35 to 128 g/m2 Duplex/Mixed Original: 50 to 128 g/m2
Paper Capacity		Max. 130 sheets (68 g/m2)
Productivity (A4)	Simplex	Colour/B&W: 45 opm (300 dpi), 36 opm (600 dpi)
	Duplex	Colour/B&W: 22 opm (300 dpi), 17 opm (600 dpi)
Power Requirements		Supplied from the MFP main body
Dimensions [W] × [D] × [H]		585 × 504 × 127 mm (23" × 19-3/4" × 5")
Weight		Approx. 9 kg (19-3/4lb)

![KONICA MINOLTA]

⚠ **Requirements for safe use**
• Please read and follow the instruction manual to ensure safe operation.
• Only operate using appropriate power supply and voltage.

![ENERGY STAR]