



KONICA MINOLTA

Giving Shape to Ideas



- Up to 22 ppm print/copy output to keep pace with rising demands
- Colour display with quick tablet-like interface
- Touchscreen for simple control and 3rd-party software integration
- Standard Web browser to support Web-based apps
- Built-in Emperon® print system, universal printer drivers
- Simitri® HD polymerized toner for high-resolution imaging
- Standard 250 GB HDD for on-board document storage
- Meets ISO 15408 and IEEE 2600.1 Security standards
- Power-saving design with quick recovery from sleep mode
- 3,600-sheet maximum capacity, tab printing support, carbon-copy printing
- Advanced authentication, secure print release, remote firmware updates
- Options for booklet-making, stapling, hole-punch and more
- Downloadable apps to help you work faster and smarter
- i-Options to add functions for working more efficiently
- Low power consumption to cut costs
- Mobile printing support (AirPrint, Google Cloud Print, NFC)

## bizhub 227

MONOCHROME MID-VOLUME MULTIFUNCTION PRINTER

MFP



MFP



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MONOCHROME MID-VOLUME MULTIFUNCTION PRINTER

**bizhub 227**

As easy as a familiar tablet, the enhanced touch-and-swipe interface of the bizhub 227 helps make you more productive – with 22 ppm output in high-resolution B&W, scanning in colour or B&W at up to 45 originals per minute, 3,600-sheet maximum paper capacity and economical, high-value performance.

**System Overview**

<b>System memory</b>	4 GB
<b>System hard disk</b>	250 GB
<b>Interface</b>	10BASE-T/100BASE-TX/1000BASE-T Ethernet, USB 2.0
<b>Network protocols</b>	TCP/IP (IPv4/IPv6), SMB, LPD, IPP, SNMP, HTTP, HTTPS
<b>Frame types</b>	Ethernet 802.2, Ethernet 802.3, Ethernet II, Ethernet SNAP
<b>Reversing automatic document feeder (optional)</b>	Up to 100 originals / 5.5" x 8.5" to 11" x 17" / 50-128 gsm
<b>Printable paper size</b>	<b>Scanning/Copying:</b> up to 11" x 17" <b>Printing:</b> up to 11" x 17" Custom paper sizes
<b>Printable paper weight</b>	60-220 gsm
<b>Paper input capacity</b>	<b>Standard:</b> 1,100 sheets / <b>Max.:</b> 3,600 sheets
<b>Tray 1</b>	500 sheets / 5.5" x 8.5" to 8.5" x 14" / 60-220 gsm
<b>Tray 2</b>	500 sheets / 5.5" x 8.5" to 11" x 17" / 60-220 gsm
<b>Tray 3 (optional)</b>	500 sheets / 5.5" x 8.5" to 11" x 17" / 60-220 gsm
<b>Tray 4 (optional)</b>	2 x 500 sheets / 5.5" x 8.5" to 8.5" x 11" / 60-220 gsm
<b>Large capacity tray PC-413 (optional)</b>	2,500 sheets / 8.5" x 11" / 60-220 gsm
<b>Manual bypass</b>	100 sheets / 4" x 6" to 11" x 17" / custom paper sizes / 60-220 gsm
<b>Automatic duplexing</b>	5.5" x 8.5" to 11" x 17" / 60-220 gsm
<b>Finishing modes</b>	Offset, group, sort, punch, half-fold, tri-fold, booklet
<b>Output capacity</b>	<b>Max. with finisher:</b> 3,300 sheets <b>Max. without finisher:</b> 250 sheets
<b>Stapling (optional)</b>	<b>Max.:</b> 50 sheets or 48 sheets + 1 cover sheet (up to 209 gsm)
<b>Stapling output capacity</b>	<b>Max.:</b> 1,000 sheets
<b>Tri-fold (optional)</b>	Up to 3 sheets
<b>Tri-fold capacity</b>	<b>Max.:</b> 30 sheets (tray)
<b>Booklet (optional)</b>	<b>Max.:</b> 20 sheets or 19 sheets + 1 cover sheet (up to 209 gsm)
<b>Booklet output capacity</b>	<b>Max.:</b> 100 sheets (tray)
<b>Copy/print volume</b>	<b>Max.:</b> 100,000 pages/month <sup>1</sup>
<b>Toner lifetime</b>	23,000 pages
<b>Imaging unit lifetime</b>	80,000 pages / 600,000 pages (Drum / Developer)
<b>Power consumption</b>	120 V / 50/60 Hz, less than 1.5 kW (system)
<b>System dimensions</b>	23.0" x 26.0" x 28.9" (W x D x H)
<b>System weight</b>	Approx. 124.6 lb

**Copier Specifications**

<b>Copying process</b>	Electrostatic laser copy, tandem
<b>Toner system</b>	Simitri® HD Polymerized Toner
<b>Print speed (8.5" x 11")</b>	Up to 22 ppm (Portrait)
<b>Print speed (11" x 17")</b>	Up to 14 ppm
<b>Auto-duplex speed (8.5" x 11")</b>	Up to 22 ppm (Portrait)
<b>1st copy out time</b>	5.3 sec.
<b>Warm-up time</b>	Approx. 15 sec. <sup>2</sup>
<b>Copy resolution</b>	600 x 600 dpi
<b>Gradations</b>	256 gradations
<b>Multi-copy</b>	1-9,999
<b>Original format</b>	Up to 11" x 17"
<b>Magnification</b>	25-400% in 0.1% steps, auto zooming
<b>Copy functions</b>	Electronic sorting, multi-job, adjustments (contrast, sharpness, image density), proof copy, interrupt mode, colour mode, separate scan, sort/group, combination, original selection, ID card copy, 2-in-1, 4-in-1

**Printer Specifications**

<b>Print resolution</b>	1800 (equivalent) x 600 dpi
<b>PDL</b>	PCL 6 (XL 3.0), PCL 5c, PostScript 3 (ver. 3016), XPS
<b>Operating systems</b>	Windows (x32/x64): XP / Vista / 7 / 8 Windows Server (x32/x64): 2003 / 2008 / 2008 R2 <sup>3</sup> / 2012 <sup>3</sup> Macintosh OS X 10.2.8 or later UNIX / Linux / Citrix
<b>Printer fonts</b>	80 PCL Latin, 137 PostScript 3
<b>Print functions</b>	Direct Print of PCL, PS, TIFF, XPS, PDF, encrypted PDF files and OOXML (DOCX, XLSX, PPTX), mixmedia and mixplex, "Easy Set" job programming, overlay, watermark, copy protection, carbon copy print

**Scanner Specifications**

<b>Scan speed</b>	<b>B&amp;W / Colour:</b> up to 45 ipm
<b>Scan resolution</b>	<b>Max.:</b> 600 x 600 dpi
<b>Scan modes</b>	Scan-to-Email, Scan-to-SMB, Scan-to-FTP, Scan-to-Box, Scan-to-USB, Scan-to-WebDAV, Scan-to-DPWS, Network TWAIN scan
<b>File formats</b>	JPEG, TIFF, PDF, PDF/A 1a and 1b (optional), compact PDF, encrypted PDF and searchable PDF (optional), XPS, compact XPS, PPTX and searchable PPTX (optional), searchable DOCX/XLSX (optional)
<b>Scan destinations</b>	2,100 (shared with fax), LDAP support
<b>Scan functions</b>	Annotation (text/time/date) for PDF, up to 400 job programs, realtime scan preview

**Fax Specifications**

<b>Fax</b>	Super G3 (optional)
<b>Transmission</b>	Analog, i-Fax, Colour i-Fax, IP-Fax
<b>Resolution</b>	<b>Max.:</b> 600 x 600 dpi (ultra-fine)
<b>Compression</b>	MH, MR, MMR, JBIG
<b>Modem</b>	Up to 33.6 Kbps
<b>Destinations</b>	2,100 (single + group)
<b>Functions</b>	Polling, time shift, PC-fax, receipt to confidential box, receipt to email/FTP/SMB, up to 400 job programs

**User Box Specifications**

<b>Storable documents</b>	<b>Max.:</b> 3,000 documents or 10,000 pages
<b>Type of user boxes</b>	Public Personal (with password or authentication) Group (with authentication)
<b>Type of system boxes</b>	Secure print, encrypted PDF, fax receipt, fax polling, annotation
<b>User box functionality</b>	Reprint, combination, download, sending (email/FTP/SMB and fax), copy box-to-box

## System Features

<b>Security</b>	ISO 15408 EAL IEEE 2600.1 IP filtering and port blocking SSL2, SSL3 and TLS1.0 network communication IPsec support IEEE 802.1x support User authentication Authentication log Secure print Hard disk overwrite (8 standard types) Hard disk data encryption (AES 128) Memory data auto deletion Confidential fax reception Print user data encryption Copy protection (Copy Guard, Password Copy) optional
<b>Accounting</b>	Up to 1,000 user accounts Active Directory support (user name + password + email + SMB folder) User function access definition Optional Biometric authentication (finger vein scanner) Optional ID card authentication (ID card reader)
<b>Software</b>	PageScope Net Care Device Manager PageScope Data Administrator PageScope Box Operator Print Status Notifier Driver Packaging Utility Log Management Utility

<sup>1</sup> Maximum monthly duty cycle describes the maximum number of pages a device can output on a monthly basis. This specification is a guideline intended to offer a comparison of durability as it relates to the entire Konica Minolta MFP and printer product line so that the appropriate device can be placed in order to meet customer needs.

<sup>2</sup> Warm-up time may vary depending on the operating environment and usage.

<sup>3</sup> Supports x64 only.

## Components and Options

<b>AU-102 Biometric authentication</b>	Finger vein scanner
<b>AU-205H Universal ID card reader</b>	Various ID card technologies
<b>EK-608 USB I/F kit</b>	USB keyboard connection
<b>EK-609 USB I/F kit</b>	USB keyboard connection, Bluetooth
<b>DF-628 Document feeder</b>	Reversing automatic document feeder, capacity 100 originals
<b>DK-513 Copier desk</b>	Provides storage space for print media and other materials
<b>FK-513 Fax board</b>	Super G3 fax, digital fax functionality
<b>FS-533 Staple finisher</b>	50-sheet stapling, 500 sheets max. output (requires MK-602)
<b>FS-534 Staple finisher</b>	50-sheet stapling, 3,300 sheets max. output (requires RU-514)
<b>FS-534 + SD-511 Booklet finisher</b>	50-sheet staple finisher, 20-sheet booklet finisher, 3,300 sheets max. output (requires RU-514)
<b>JS-506 Job separator</b>	Separation for fax output, etc.
<b>KH-102 Keyboard holder</b>	To place USB keyboard
<b>KP-101 10-Key pad</b>	For use instead of touchscreen
<b>LK-102 v3 PDF enhancements</b>	PDF/A, PDF encryption, digital signature
<b>LK-104 v3 Voice guidance</b>	Provides voice guidance functions
<b>LK-105 v4 OCR text recognition</b>	Searchable PDF
<b>LK-106 Barcode fonts</b>	Supports native barcode printing
<b>LK-107 Unicode fonts</b>	Supports native Unicode printing
<b>LK-108 OCR A and B fonts</b>	Supports native OCR A and B font printing
<b>LK-110 v2 Enhanced image support</b>	Generates various file formats incl. DOCX, XLSX and combines LK-102 (encrypted PDF) + LK-105 (searchable PDF/OCR functionality)
<b>LK-111 ThinPrint® Client</b>	Print data compression for reduced network impact
<b>LK-114 Universal print function</b>	Supports server-less ubiquitous printing
<b>MK-602 Mount kit</b>	Installation kit required for FS-533
<b>MK-735 Mount kit</b>	Installation kit for ID card reader
<b>OC-514 Original cover</b>	Cover instead of auto document feeder
<b>PC-113 Universal tray (x1)</b>	5.5" x 8.5" to 11" x 17", 500 sheets, 60-220 gsm
<b>PC-213 Universal tray (x2)</b>	5.5" x 8.5" to 11" x 17", 2 x 500 sheets, 60-220 gsm
<b>PC-413 Large capacity tray</b>	8.5" x 11", 2,500 sheets, 60-220 gsm
<b>PK-519 Punch kit for FS-533</b>	2/3-hole punching, autoswitching
<b>PK-520 Punch kit for FS-534</b>	2/3-hole punching, autoswitching
<b>RU-514 Relay unit</b>	Required for installation of FS-534
<b>UK-212 Wireless LAN</b>	Wireless LAN to network connector
<b>WT-506 Working table</b>	Authentication device placement

Note: Not all options may be available at time of launch.



**KONICA MINOLTA**

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