**NOVATECH**
*BRING EVERYTHING UP TO SPEED*

Up to 22 ppm print/copy output to keep pace with rising demands

Color 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**

## 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 color or B&W at up to 45 originals per minute, 3,600-sheet maximum paper capacity and economical, high-value performance.

### System Overview

| | |
|---|---|
| **System memory** | 4 GB |
| **System hard disk** | 250 GB |
| **Interface** | 10-BASE-T/100-BASE-TX/1,000-BASE-T Ethernet, USB 2.0 |
| **Network protocols** | TCP/IP (IPv4/IPv6), SMB, LPD, IPP, SNMP, HTTP, HTTPS |
| **Frame types** | Ethernet 802.2, Ethernet 802.3, Ethernet II, Ethernet SNAP |
| **Reversing automatic document feeder (optional)** | Up to 100 originals / 5.5" x 8.5" to 11" x 17" / 50-128 gsm |
| **Printable paper size** | Scanning/Copying: up to 11" x 17"<br>Printing: up to 11" x 17"<br>Custom paper sizes |
| **Printable paper weight** | 60-220 gsm |
| **Paper input capacity** | **Standard:** 1,100 sheets / **Max.:** 3,600 sheets |
| **Tray 1** | 500 sheets / 5.5" x 8.5" to 8.5" x 14" / 60-220 gsm |
| **Tray 2** | 500 sheets / 5.5" x 8.5" to 11" x 17" / 60-220 gsm |
| **Tray 3 (optional)** | 500 sheets / 5.5" x 8.5" to 11" x 17" / 60-220 gsm |
| **Tray 4 (optional)** | 2 x 500 sheets /  5.5" x 8.5" to 8.5" x 11" / 60-220 gsm |
| **Large capacity tray PC-413 (optional)** | 2,500 sheets / 8.5" x 11" / 60-220 gsm |
| **Manual bypass** | 100 sheets / 4" x 6" to 11" x 17" / custom paper sizes / 60-220 gsm |
| **Automatic duplexing** | 5.5" x 8.5" to 11" x 17" / 60-220 gsm |
| **Finishing modes** | Offset, group, sort, punch, half-fold, tri-fold, booklet |
| **Output capacity** | **Max. with finisher:** 3,300 sheets<br>**Max. without finisher:** 250 sheets |
| **Stapling (optional)** | **Max.:** 50 sheets or 48 sheets + 1 cover sheet (up to 209 gsm) |
| **Stapling output capacity** | **Max.:** 1,000 sheets |
| **Tri-fold (optional)** | Up to 3 sheets |
| **Tri-fold capacity** | **Max.:** 30 sheets (tray) |
| **Booklet (optional)** | **Max.:** 20 sheets or 19 sheets + 1 cover sheet (up to 209 gsm) |
| **Booklet output capacity** | **Max.:** 100 sheets (tray) |
| **Copy/print volume** | **Max.:**  100,000 pages/month[1] |
| **Toner lifetime** | 23,000 pages |
| **Imaging unit lifetime** | 85,000 pages / 590,000 pages (Drum / Developer) |
| **Power consumption** | 120 V / 50/60 Hz, less than 1.5 kW (system) |
| **System dimensions** | 23.0" x 26.0" x 28.9" (W x D x H) |
| **System weight** | Approx. 124.6 lb |

### Copier Specifications

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

### Printer Specifications

| | |
|---|---|
| **Print resolution** | 1,800 (equivalent) x 600 dpi |
| **PDL** | PCL6 (XL 3.0), PCL5c, PostScript 3 (ver. 3016), XPS |
| **Operating systems** | Windows (x32/x64): XP / Vista / 7 / 8<br>Windows Server (x32/x64): 2003 / 2008 / 2008 R2[3] / 2012[3]<br>Macintosh OS X 10.2.8 or later<br>UNIX / Linux / Citrix |
| **Printer fonts** | 80 PCL Latin, 137 PostScript 3 |
| **Print functions** | 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

| | |
|---|---|
| **Scan speed** | **B&W / Color:** up to 45 ipm |
| **Scan resolution** | **Max.:** 600 x 600 dpi |
| **Scan modes** | Scan-to-Email, Scan-to-SMB, Scan-to-FTP, Scan-to-Box, Scan-to-USB, Scan-to-WebDAV, Scan-to-DPWS, Network TWAIN scan |
| **File formats** | 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) |
| **Scan destinations** | 2,100 (shared with fax), LDAP support |
| **Scan functions** | Annotation (text/time/date) for PDF, up to 400 job programs, realtime scan preview |

### Fax Specifications

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

### User Box Specifications

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

## System Features

| Security | |
|---|---|
| | ISO 15408 EAL |
| | IEEE 2600.1 |
| | IP filtering and port blocking |
| | SSL2, SSL3 and TSL1.0 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 |

| Accounting | |
|---|---|
| | 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) |

| Software | |
|---|---|
| | PageScope Net Care Device Manager |
| | PageScope Data Administrator |
| | PageScope Box Operator |
| | Print Status Notifier |
| | Driver Packaging Utility |
| | Log Management Utility |

[1] 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

[2] Warm-up time may vary depending on the operating environment and usage

[3] Supports x64 only

## Components and Options

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

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