



KONICA MINOLTA

**bizhub** C451i

Color A3 multifunctional

**bizhub  
i-SERIES IS  
SMARTER  
WORKING**  
RETHINK IT



Giving Shape to Ideas

## CUSTOMER BENEFITS



**Intuitive operability**  
Operate the bizhub like a smartphone or tablet with fully customized user interface



**Mobile connectivity**  
Print anytime from anywhere with Konica Minolta's innovative mobile technologies



**Security**  
Secure network integration, data encryption, hard drive overwrite, and advanced user authentication



**Application ecosystem**  
Enhanced efficiency thanks to Konica Minolta's extensive applications portfolio



**Productivity**  
Reliability, high-speed scanning and printing, combined with powerful finishing functions



**Sustainability**  
Numerous eco features reduce energy consumption and costs

## OPTIONS

### 1 ENHANCED FEATURES

- Barcode fonts  
LK-106
- Unicode fonts  
LK-107
- OCR A and B fonts  
LK-108
- Document converter pack  
LK-110v2
- ThinPrint® client  
LK-111
- Antivirus  
LK-116



### 2 CONNECTIVITY

- Fax board  
FK-514 x2
- Wireless LAN  
UK-221
- USB I/F kit  
EK-608
- USB I/F kit  
EK-609 OR
- Fiery controller  
IC-420
- Interface kit for IC-420  
VI-516
- Interface board for IC-420  
UK-115
- Card authentication  
ID card reader
- Mount kit  
MK-735

### 3 OTHERS

- Working table  
WT-506
- Offline Stapler  
FS-P04
- 10-Key pad  
KP-102
- Replacement SSD  
EM-908
- Keyboard holder  
KH-102
- Convenience Stapler  
CS-2

### 4 MEDIA INPUT

- 1x Universal tray  
PC-116
- 2x Universal tray  
PC-216 OR
- Large capacity tray  
PC-416 OR
- Large capacity tray  
PC-417 OR
- Copier desk  
DK-516x
- Large capacity tray  
LU-302 OR
- Large capacity tray  
LU-207
- Banner tray  
MK-730

### 5 MEDIA OUTPUT

- Output tray  
OT-513 OR
- Job separator  
JS-508 OR
- Inner finisher  
FS-533 OR
- Attachment kit  
MK-607
- Punch kit for FS-533  
PK-519
- Staple finisher  
FS-539 OR
- Relay unit  
RU-513 OR
- Booklet finisher  
FS-539SD
- Relay unit  
RU-513
- Punch kit for FS-539/SD  
PK-524
- Staple finisher  
FS-540 OR
- Relay unit  
RU-513 OR
- Booklet finisher  
FS-540SD OR
- Relay unit  
RU-513
- Punch kit for FS-540/SD  
PK-526
- Post inserter for FS-540/SD  
PI-507
- Job separator for FS-540/SD  
JS-602 OR
- Z-fold unit for FS-540/SD  
ZU-609

#### LEGEND

- Mandatory option
- Option
- This option can only be installed with the respective option above it

## FINISHING FUNCTIONALITIES



Corner stapling



Two-point stapling



Two-hole punching



Three-hole punching



Duplex



Combined mixplex/mixmedia



Half-fold



Sheet insertion



Letter-fold



Booklet



Offset sorting



Z-fold



Banner printing



Corner Stapling (offline)

## ENHANCED FEATURES

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-110v2 Document file conversion	Supports Searchable PDF and OOXML (DOCX, XLSX, etc.) file formats
LK-111 ThinPrint client	Print data compression for reduced network impact
LK-116 Antivirus	Bitdefender® antivirus provides real time scanning of all incoming and outgoing data

## CONNECTIVITY

FK-514 Fax board	Super G3 fax, digital fax functionality
UK-221 Wireless LAN	Wireless LAN and wireless LAN Access Point Mode
EK-608 USB I/F kit	USB keyboard connection
EK-609 USB I/F kit	USB keyboard connection, Bluetooth
IC-420 Fiery controller	Professional color print controller
VI-516 Interface kit for IC-420	Fiery controller interface card
UK-115 Mount kit	Fiery controller mount kit
AU-205H ID card reader	Supports various ID card technologies
MK-735 Mount kit	Installation kit for ID card reader

## OTHERS

WT-506 Working table	Authentication device placement
KP-102 10-Key pad	For numeric entry instead of touchscreen
SC-509 Security kit	Copy guard function
EM-908 SSD	1 TB SSD to increase storage space
FS-P04	Offline Stapler
CS-2	Convenience Stapler
KH-102 Keyboard holder	To place USB keyboard
External keyboard	Keyboard for alpha numeric data entry

## MEDIA INPUT

PC-116 1x Universal tray	500 sheets / 5.5" x 8.5" - 11" x 17" / 52-256 g/m <sup>2</sup>
PC-216 2x Universal tray	2x 500 sheets / 5.5" x 8.5" - 11" x 17" / 52-256 g/m <sup>2</sup>
PC-416 Large capacity tray	2,500 sheets / 8.5" x 11" / 52-256 g/m <sup>2</sup>
PC-417 Large capacity tray	1,500 + 1,000 sheets / 5.5" x 8.5" or 8.5" x 11" / 52-256 g/m <sup>2</sup>
LU-302 Large capacity tray	3,000 sheets / 8.5" x 11" / 52-256 g/m <sup>2</sup>
LU-207 Large capacity tray	2,500 sheets / 8.5" x 11" - 12" x 18" / 52-256 g/m <sup>2</sup>
MK-730 Banner tray	Multipage banner feeding
DK-516 Copier desk	Provides storage space for print media and other materials

## MEDIA OUTPUT

OT-513 Output tray	Output tray used instead of finisher
JS-508 Job separator	Separation of fax output; etc.
FS-533 Inner finisher	50-sheet stapling, 500 sheets max. output
MK-607 Attachment kit	For FS-533 installation
PK-519 Punch kit for FS-533	2/4 hole punching, auto switching
FS-539 Staple finisher	50-sheet stapling / 3,200 sheets max. output
FS-539SD Booklet finisher	50-sheet stapling / 20-sheet booklet finisher / 2,200 sheets max. output
PK-524 Punch kit for FS-539/SD	2/3 hole punching, auto switching
FS-540 Staple finisher	100-sheet stapling / 3,200 sheets max. output
FS-540SD Booklet finisher	100-sheet stapling / 20-sheet booklet finisher / 2,700 sheets max. output
PK-526 Punch kit for FS-540/SD	2/3 hole punching, auto switching
RU-513 Relay unit	For FS-539/SD or FS-540/SD installation
JS-602 Job separator for FS-540/SD	Separation of fax output, etc.
PI-507 Post inserter for FS-540/SD	Cover insertion, post finishing
ZU-609 Z-fold unit for FS-540/SD	Z-fold for 11" x 17" prints

## TECHNICAL SPECIFICATIONS

### SYSTEM SPECIFICATIONS

System speed 8.5" x 11"	Up to 45/45 ppm (mono/color)
System speed 11" x 17"	Up to 22/22 ppm (mono/color)
Auto duplex speed 8.5" x 11"	Up to 45/45 ppm (mono/color)
1st page out time 8.5" x 11"	3.8/5.0 sec. (mono/color)
Warm-up time	Approx. 15/17 sec. (mono/color) <sup>1</sup>
Imaging technology	Laser
Toner technology	Simitri® HD polymerized toner
Panel size/resolution	10.1" / 1,024 x 600
System memory	8 GB (standard/max.)
System hard drive	256 GB SSD (standard) / 1 TB SSD (optional)
Interface	10/100/1,000-Base-T Ethernet, USB 2.0, Wi-Fi 802.11 b/g/n/ac (optional)
Network protocols	TCP/IP (IPv4 / IPv6) / SMB / LPD / IPP / SNMP / HTTP(S) / Bonjour
Automatic document feeder	Up to 300 originals / 5.5" x 8.5" - 11" x 17" / 35-210 g/m <sup>2</sup> / Dualscan ADF
ADF double feed detection	Standard
Printable paper size	3.5" x 5.5" - 12" x 18" / customized paper sizes / banner paper max. 47.2" x 11.7"
Printable paper weight	52-300 g/m <sup>2</sup>
Paper input capacity	1,150 sheets / 6,650 sheets (standard/max.)
Paper tray input (standard)	1 x 500 / 3.5" x 5.8" - 11" x 17" / custom sizes / 52-256 g/m <sup>2</sup> 1 x 500 / 5.5" x 8.5" - 12" x 18" / custom sizes / 52-256 g/m <sup>2</sup>
Paper tray input (optional)	1 x 500 / 5.5" x 8.5" - 11" x 17" / 52-256 g/m <sup>2</sup> 2 x 500 / 5.5" x 8.5" - 11" x 17" / 52-256 g/m <sup>2</sup> 1 x 2,500 / 8.5" x 11" / 52-256 g/m <sup>2</sup> 1 x 1,500 + 1 x 1,000 sheets / 5.5" x 8.5" or 8.5" x 11" / 52-256 g/m <sup>2</sup>

Large capacity tray (optional)	1 x 3,000 / 8.5" x 11" / 52-256 g/m <sup>2</sup> 1 x 2,500 / 8.5" x 11" - 12" x 18" / custom sizes / 52-256 g/m <sup>2</sup>
Manual bypass	150 sheets / 3.5" x 5.5" - 12" x 18" / custom sizes / banner / 60-300 g/m <sup>2</sup>
Finishing modes (optional)	Offset, Group, Sort, Staple, Staple (offline), Punch, Half-fold, Letter-fold, Booklet, Post insertion, Z-fold
Automatic duplexing	4.1" x 5.5" - 12" x 18" / 52-256 g/m <sup>2</sup>
Output capacity	Up to 250 sheets / up to 3,300 sheets (standard/max.)
Stapling	Max. 100 sheets or 98 sheets + 2 cover sheets (up to 300 g/m <sup>2</sup> )
Stapling output capacity	Max. 200 sets
Letter fold	Max. 3 sheets
Letter fold capacity	Max. 50 sets, unlimited (without tray)
Booklet	Max. 20 sheets or 19 sheets + 1 cover sheet (up to 300 g/m <sup>2</sup> )
Booklet output capacity	Max. 35 booklets, unlimited (without tray)
Duty cycle (monthly)	Max. <sup>2</sup> 200,000 pages
Toner lifetime	Black up to 28,000 pages CMY up to 28,000 pages
Imaging unit lifetime	Black up to 240,000/1,000,000 pages (drum/developer) CMY up to 165,000/1,000,000 pages (drum/developer)
Power consumption	110-120 V / 60 Hz, Less than 1.6 kW
System dimension (W x D x H)	24.2" x 27.1" x 37.8" (without options)
System weight	Approx. 220 lb (without options)

## PRINTER SPECIFICATIONS

<b>Print resolution</b>	1,800 (equivalent) x 600 dpi, 1,200 x 1,200 dpi
<b>Page description language</b>	PostScript 3 (3016) Emulation PCL 6 (XL Version 3.0 Emulation) PCL 5e/c Emulation XPS Version 1.0
<b>Operating systems</b>	Server: Windows Server 2016 Windows Server 2019 Windows Server 2022 Client: Windows 10 Windows 10 / 11x64 Edition Windows Sever 2016 / Sever 2019 / Sever 2022 macOS 10.14 / 10.15 / 11 / 12 / 13 Intel macOS 11 AppleM1 macOS 12 / 13 AppleM1 / AppleM2 Red Hat Enterprise Linux Google Chrome OS
<b>Printer fonts</b>	PCL: Western type: 80 outline fonts Japanese fonts: HG Mincho L / HGP Mincho L / HG Gothic B / HGP Gothic B Postscript 3 Emulation: Western type1 font: 137 outline fonts Japanese fonts: HG Mincho L / HG Gothic B
<b>Mobile printing</b>	AirPrint (iOS), Mopria (Android), Konica Minolta Print Service (Android), Konica Minolta Mobile Print (iOS/Android) Optional: Google Cloud Print, Wi-Fi Direct

## PRINTER SPECIFICATIONS (OPTIONAL)

<b>Print controller</b>	Embedded Fiery IC-420
<b>Controller CPU</b>	AMD GX-424CC @ 2.4 GHz
<b>Memory/HDD</b>	8 GB (8192MB) (standard)
<b>Page description language</b>	Adobe PostScript 3 (CPSI 3020), PCL 6, PCL 5c
<b>Operating systems</b>	Windows 7 (32/64), Windows 8.1 (32/64), Windows 10 (32/64), Windows Server 2008 (32/64), Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Macintosh OS X 10.10 or later, Linux

## SCANNER SPECIFICATIONS

<b>Scan speed</b>	Up to 140/140 ipm in simplex (mono/color) Up to 280/280 ipm in duplex (mono/color)
<b>Scan resolution</b>	Up to 600 x 600 dpi
<b>Scan modes</b>	Scan-to-eMail (Scan-to-Me), Scan-to-SMB (Scan-to-Home), Scan-to-FTP, Scan-to-Box, Scan-to-USB, Scan-to-WebDAV, Scan-to-DPWS, Scan-to-URL, TWAIN scan
<b>File formats</b>	TIFF, PDF, Compact PDF, JPEG, XPS, Compact XPS, pptx, docx, xlsx, Searchable PDF, PDF/A, Linearized PDF, Page setting (Single page (1-999 pages) / Multi page)
<b>Scan destinations</b>	2,000 destinations + 100 groups, LDAP support

## COPIER SPECIFICATIONS

<b>Copy resolution</b>	600 x 600 dpi
<b>Gradation</b>	256 gradations
<b>Multicopy</b>	1-9,999
<b>Original format</b>	Max. 11" x 17"
<b>Magnification</b>	25-400% in 0.1% steps, Auto zoom

## FAX SPECIFICATIONS

<b>Fax standard</b>	Super G3 (optional)
<b>Fax transmission</b>	Analog, i-Fax, Color i-Fax, IP-Fax
<b>Fax resolution</b>	Up to 600 x 600 dpi
<b>Fax compression</b>	MH, MR, MMR, JBIG
<b>Fax modem</b>	Up to 33.6 Kbps
<b>Fax destinations</b>	2,000 single + 100 groups

## USER BOX SPECIFICATIONS

<b>Storable documents</b>	Up to 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 print, Fax receipt, Fax polling

## SYSTEM FEATURES

<b>Security</b>	ISO 15408 HCD-PP Common Criteria (in evaluation), IP filtering and port blocking, SSL3 and TLS1.0/1.1/1.2 network communication, IPsec support, IEEE 802.1x support, User authentication, Authentication log, Secure print, Kerberos, Hard drive data encryption (AES 256), Confidential fax, Print user data encryption Optional: Antivirus scanning (Bitdefender®), Copy protection (Copy Guard, Password Copy)
<b>Accounting</b>	Up to 1,000 user accounts, Active Directory support (user name + password + e-mail + smb folder), User function access definition, Authentication by mobile device (Android) ID card authentication (ID card reader), Authentication by mobile device (iOS)
<b>Software</b>	Net Care Device Manager, Data Administrator, Box Operator, Web Connection, Log Management Utility

<sup>1</sup> Warm-up time may vary depending on the operating environment and usage.

<sup>2</sup> Maximum monthly copy/print volume supported under standard vendor-supplied service defines the upper end of expected customer volume for the device. Customers should consider multiple machines if average monthly volume approaches duty cycle on a continual basis.

- All specifications refer to 8.5" x 11" paper of 80 g/m<sup>2</sup> weight.
- The support and availability of the listed specifications and functionalities vary depending on operating systems, applications and network protocols as well as network and system configurations.
- The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (5% coverage of 8.5" x 11"). The actual life of each consumable will vary depending on use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity.
- Some of the product illustrations contain optional accessories.
- Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
- Konica Minolta does not warrant that any specifications mentioned will be error-free.



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