



KONICA MINOLTA

Giving Shape to Ideas



- Up to 28 ppm print/copy output to keep pace with rising demands
- Optional dual scanning at up to 160 originals per minute
- Large 9" color display with quick tablet-like interface
- Touchscreen for simple control and 3rd-party software integration
- 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
- New power-saving design with quick recovery from sleep mode
- 3,650-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
- EPEAT Gold-certified, low power consumption to cut costs

## bizhub 284e

MONOCHROME MID-VOLUME MULTIFUNCTION PRINTER



mfp



# bizhub 284e

MONOCHROME MID-VOLUME MULTIFUNCTION PRINTER

## bizhub 284e

The bizhub 284e gives you full-function MFP productivity in compact design – with tablet-like operation, 28 ppm B&W print/copy output, optional dual scanning in color or B&W at up to 160 originals per minute, optional 4-line fax and auto finishing options to customize a right-size solution for your needs.

### System Overview

<b>System memory</b>	2,048 MB
<b>System hard disk</b>	250 GB
<b>Interface</b>	10-Base-T/100-Base-TX/1,000-Base-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>Dual scan document feeder (optional)</b>	Up to 100 originals / 5.5" x 8.5" to 11" x 17" / 35-163 gsm Reversing automatic document feeder or dual scan document feeder available
<b>Printable paper size</b>	<b>Scanning/Copying:</b> up to 11" x 17" <b>Printing:</b> up to 11" x 17" full bleed on 12" x 18" paper Custom paper sizes Banner paper max: 11.75" x 47.25"
<b>Printable paper weight</b>	52-300 gsm
<b>Paper input capacity</b>	<b>Standard:</b> 1,150 sheets <b>Max.:</b> 3,650 sheets
<b>Tray 1</b>	500 sheets / 5.5" x 8.5" to 11" x 17" / 52-256 gsm
<b>Tray 2</b>	500 sheets / 5.5" x 8.5" to 12" x 18" / 52-256 gsm
<b>Tray 3 (optional)</b>	500 sheets / 5.5" x 8.5" to 11" x 17" / 52-256 gsm
<b>Tray 4 (optional)</b>	2 x 500 sheets / 5.5" x 8.5" to 8.5" x 11" / 52-256 gsm
<b>Large capacity tray PC-410 (optional)</b>	2,500 sheets / 8.5" x 11" / 52-256 gsm
<b>Manual bypass</b>	150 sheets / 4" x 6" to 12" x 18" / custom paper sizes / 50-300 gsm
<b>Automatic duplexing</b>	5.5" x 8.5" to 12" x 18" / 52-256 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</b>	Up to 3 sheets
<b>Tri-fold capacity</b>	<b>Max.:</b> 30 sheets (tray)
<b>Booklet</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> 120,000 pages / month <sup>1</sup>
<b>Toner lifetime</b>	24,000 pages
<b>Imaging unit lifetime</b>	120,000 pages / 590,000 pages (Drum / Developer)
<b>Power consumption</b>	120 V / 50/60 Hz, Less than 1.5 kW (system)
<b>System dimensions</b>	24.2" x 27" x 36.3" (W x D x H)
<b>System weight</b>	Approx. 168.7 lb

### Copier Specifications

<b>Copying process</b>	Electrostatic laser copy, tandem, indirect
<b>Toner system</b>	Simitri® HD Polymerized Toner
<b>Print speed (8.5" x 11")</b>	Up to 28 ppm (Portrait)
<b>Print speed (11" x 17")</b>	Up to 14 ppm (Portrait)
<b>Autoduplex speed (8.5" x 11")</b>	Up to 28 ppm (Portrait)
<b>1st copy out time</b>	5.9 sec.
<b>Warm-up time</b>	Approx. 20 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 1% steps, auto zooming
<b>Copy functions</b>	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

<b>Print resolution</b>	1,800 x 600 dpi, 1,200 x 1,200 dpi
<b>PDL</b>	PCL6 (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), multimedia and mixplex, "Easy Set" job programming, overlay, watermark, copy protection, carbon copy print

### Scanner Specifications

<b>Scan speed</b>	<b>B&amp;W / Color:</b> up to 160 ipm with optional DF-701
<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, Color 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

<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 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 receipt, 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 + e-mail + 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 PageScope Direct Print 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>EK-606 USB I/F kit</b>	USB keyboard connection
<b>EK-607 USB I/F kit</b>	USB keyboard connection, Bluetooth
<b>DF-624 Document feeder</b>	Reversing automatic document feeder, capacity 100 originals
<b>DF-701 Document feeder</b>	Dual scan automatic document feeder, capacity 100 originals
<b>DK-510 Copier desk</b>	Provides storage space for print media and other materials
<b>FK-508 Fax board</b>	Super G3 fax, digital fax functionality, lines 3 & 4 support
<b>FK-511 Fax board</b>	Super G3 fax, digital fax functionality
<b>FS-533 Staple finisher</b>	50 sheets stapling, 500 sheets max. output
<b>FS-534 Staple finisher</b>	50-sheet stapling, 3,300 sheets max. output
<b>FS-534 + SD-511 Booklet finisher</b>	50-sheets staple finisher, 20-sheets booklet finisher, 3,300 sheets max. output
<b>ID card reader</b>	Various ID card technologies
<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-101 v3 Web browser</b>	Web browser
<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 v3 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 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>MK-728 Mount kit</b>	Installation kit for FK-508 fax board
<b>MK-735 Mount kit</b>	Installation kit for ID card reader
<b>OC-511 Original cover</b>	Cover instead of auto document feeder
<b>PC-110 Universal tray (x1)</b>	5.5" x 8.5" to 11" x 17", 500 sheets, 52-256 gsm
<b>PC-210 Universal tray (x2)</b>	5.5" x 8.5" to 11" x 17", 2 x 500 sheets, 52-256 gsm
<b>PC-410 Large capacity tray</b>	8.5" x 11", 2,500 sheets, 52-256 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>SC-508 Security kit</b>	Copy Guard function (2 x required when options DF-701 is installed)
<b>UK-204 i-Option memory</b>	Memory extension for i-Options
<b>UK-208 Wireless LAN</b>	Wireless LAN to network connector
<b>UK-209 DS board for bizhub RA</b>	bizhub RA when machine is equipped with DF-624
<b>WT-506 Working table</b>	Authentication device placement



© 2014 KONICA MINOLTA BUSINESS SOLUTIONS U.S.A., INC. All rights reserved. Reproduction in whole or in part without written permission is prohibited. KONICA MINOLTA, the KONICA MINOLTA logo, Count on Konica Minolta, bizhub, PageScope, Emperon, Simitri, and Giving Shape to Ideas are registered trademarks or trademarks of KONICA MINOLTA, INC. All other product and brand names are trademarks or registered trademarks of their respective companies or organizations. All features and functions described here may not be available on some products. Design & specifications are subject to change without notice.



**KONICA MINOLTA**

**KONICA MINOLTA BUSINESS SOLUTIONS U.S.A., INC.**  
100 Williams Drive, Ramsey, New Jersey 07446

[CountOnKonicaMinolta.com](http://CountOnKonicaMinolta.com)



Item #: 284eSS  
9/14