

bizhub C20/C20X

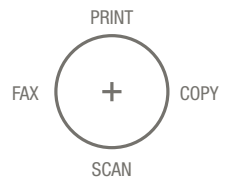
- ▶ FAST 25 PPM PRINT AND COPY SPEED—COLOR AND B&W
- ▶ SCAN TO EMAIL, SMB, FTP OR USB; NETWORK TWAIN
- ▶ 33.6 KBPS SUPER G3 FAX CAPABILITY
- ▶ HIGH-PERFORMANCE EMPERON PRINT SYSTEM AND 500 MHZ CPU
- ▶ POSTSCRIPT® 3 & PCL® 6 EMULATIONS, NATIVE XPS INTERPRETER
- ▶ 512 MB RAM; OPTIONAL 40 GB HARD DRIVE TO BOOST PRODUCTIVITY
- ▶ GIGABIT ETHERNET AND USB 2.0 CONNECTIONS
- ▶ BOLD 9600 X 600 DPI-CLASS QUALITY AND SIMITRI® HD TONER
- ▶ STANDARD 50-SHEET REVERSING ADF FOR MULTI-PAGE COPIES & SCANS
- ▶ BUILT-IN AUTO DUPLEXER FOR TWO-SIDED PRINTS AND COPIES
- ▶ 850-SHEET MAX. PAPER CAPACITY WITH 500-SHEET OPTIONAL TRAY
- ▶ PAGESCOPE UTILITIES FOR ADVANCED PRINTER MANAGEMENT
- ▶ CONVENIENT USB FLASH DRIVE AND CAMERA DIRECT PRINT OPTIONS
- ▶ UP TO 120,000 PRINT-PER-MONTH DUTY CYCLE



DO BUSINESS BETTER



BUILD UP FOR BEST SERVICE. ADD A PRINTER CABINET FOR MOBILITY AND TO RAISE THE HEIGHT FOR EASIER OPERABILITY. STORE PAPER, TONER AND OTHER SUPPLIES IN ITS LARGE COMPARTMENT FOR QUICK ACCESS. AN OPTIONAL 500-SHEET TRAY BRINGS INPUT CAPACITY TO ITS 850-SHEET MAXIMUM FOR UNINTERRUPTED PRINTING.



DYNAMIC MULTITASKER

One-source document center. The bizhub C20/C20X is a one-source solution for your vital document production. It prints and copies up to 25 ppm in color and B&W, scans, faxes—even direct prints files from your USB flash drive* and digital camera. This streamlined service center lets you spend less time and money maintaining separate machines and more time focusing on the business at hand.

Vibrant color from a sleek AIO. The bizhub C20/C20X, with its compact and sleek design, uses 9600 x 600 dpi-class contone resolution and Simitri HD polymerized toner to generate impressive prints, copies, photos and scans.

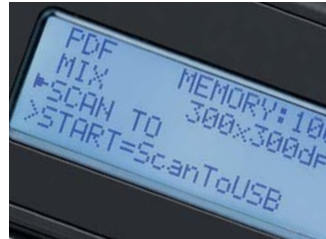
*Requires opt. hard drive or compact flash card (PDF, JPEG, TIFF); requires opt. hard drive (XPS)

APTITUDE FOR PRODUCTIVITY

Driven by Emperon. With an Emperon Print System, 500 MHz CPU and 512 MB RAM at its core, the bizhub C20/C20X is designed for work team performance. Also a driving force—a Gigabit Ethernet interface to bring PS/PCL/XPS support to an entire team of Windows®, Macintosh® and Linux® users.

Less effort. More productivity. Comprehensive PageScope software puts you in full control with a suite of intuitive user and administrative management tools, including browser-accessed PageScope Web Connection. Automatic and hands-on color control options fine-tune color with the click of a button.

EASY TO NAVIGATE CONTROL PANEL A 20 CHARACTER BY 4 LINE DISPLAY IS EASY TO SEE AND USE. THE MENU SYSTEM DIRECTS USERS INTUITIVELY BETWEEN PRINT, COPY, SCAN AND FAX FUNCTIONALITIES.



READY TO GO. WITH A FIRST PAGE OUT TIME OF 18 SECONDS, AND PRINTS AND COPIES FOLLOWING AT A QUICK 25 PPM, THE BIZHUB C20/C20X WILL NEVER KEEP YOU WAITING.

25 PPM **25 PPM**

FEATURES, OPTIONS & BENEFITS

Office essentials under one cover. Combining vital business functions—print, copy, scan and fax—into one compact solution, the bizhub C20/C20X is a cost-effective AIO for small- and mid-size office teams.

Copy with convenience. With a built-in 50-sheet reversing automatic document feeder (RADF), you can copy multi-page documents in no time. Adjust lightness, density and resolution from the intuitive control panel for complete customization. Make 2-sided copies from 1-sided originals at the click of a button with the standard automatic duplexer.

Scan and send. Scan pages straight to Email, SMB, FTP, and USB as JPEG, PDF, or TIFF files—multiple ways to get your files to their final destination. It supports sizes up to 8.5" x 14" from the flatbed glass or RADF. Choose text, photo or combination to customize your scanned image for attention-demanding digital documents.

Fast fax. A stand-alone 33.6 Kbps Super G3 fax offers 220 speed dials, 20 group dials and up to 6 MB of fax memory. For added convenience, it includes an internal address book accessible via the control panel for quick number retrieval.

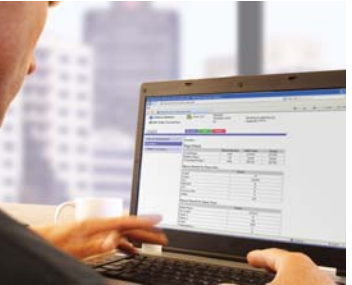
Automatic, unattended production. The bizhub C20/C20X's 350-sheet standard paper input can be increased to 850 sheets for fewer refills. A 50-sheet reversing automatic document feeder and built-in duplexer save users time and paper when printing and copying.

Advanced operation. A powerful 40 GB internal hard disk or compact flash card (optional) trigger bonus features including fonts and forms storage, electronic collation, job accounting, and direct print. It also activates job retention actions, including Secured Print, Print and Hold, Proof then Print and Stored Job to ensure you have control of your print job.

Speaks your language. Access full print functionality with PostScript 3 and PCL 6 emulations, as well as a native XPS driver. The bizhub C20/C20X also supports all major operating systems and share its multitasking functionality via a Gigabit Ethernet network interface and high-speed USB 2.0 local connection.

Direct print files—no computer required. Print XPS, PDF, JPEG and TIFF files directly from a USB flash drive* using the AIO's easy-access USB 1.1 Host Port. Use the same connection to direct print files from a digital camera for photos in a flash.

*Requires opt. hard drive or compact flash card (PDF, JPEG, TIFF); requires opt. hard drive (XPS)



POWER OF PAGESCOPE. PAGESCOPE WEB CONNECTION FOR WEB-BASED DEVICE MANAGEMENT, PAGESCOPE NET CARE DEVICE MANAGER FOR REMOTE CONFIGURATION OF MIB-COMPLIANT PRINTERS, AND A HOST OF DESKTOP TOOLS TO MONITOR AND CONTROL AIO FUNCTIONS.

FLEXIBLE FOR BUSINESS. PAPER SIZES UP TO 8.5" X 14" AND THICK STOCK UP TO 110 LB. INDEX TO HANDLE ANY JOB. A BUILT-IN DUPLEXER TO CUT PAPER USE IN HALF. A 50-SHEET REVERSING AUTOMATIC DOCUMENT FEEDER FOR PRODUCTIVE DUPLEX COPYING. MAX PAPER INPUT OF 850-SHEETS FOR LESS RESTOCKING.



DIRECT PRINT AND GO. PLUG A USB FLASH DRIVE INTO THE EASY-ACCESS USB 1.1 HOST PORT AND PRINT POPULAR FILE FORMATS FAST—NO PC REQUIRED. PERFECT FOR LAST MINUTE PROJECTS. (OPTIONAL HARD DRIVE OR COMPACT FLASH CARD REQUIRED).

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bizhub C20/C20X

GENERAL SPECIFICATIONS

PRINT

PRINT METHOD:
Electrophotographic Laser

PRINT SPEED:
Color: 25 ppm
Monochrome: 25 ppm

WARM-UP TIME:
50 seconds (sleep mode to ready)

FIRST-PAGE OUTPUT TIME:
Color: 18 seconds
Monochrome: 18 seconds

RESOLUTION:
9600 x 600 dpi-class with PhotoART
(600 x 600 x 4 bit contone)

RECOMMENDED MONTHLY DUTY CYCLE:
120,000 prints

COPY

COPY SPEED:
Color: 25 cpm
Monochrome: 25 cpm

FIRST-PAGE OUTPUT TIME:
Color: 28 seconds
Monochrome: 25 seconds

RESOLUTION:
600 x 600, 600 x 300 dpi

COPY SETTINGS:
Density (7 Steps)
Reduce/Enlarge (25 - 400%)
Collate, Number of copies (1-99)
Quality (Text/Photo/Mix, Normal/Fine)
Duplex, 2-in-1, 4-in-1, ID card copy,
Poster copy, Repeat copy

AUTOMATIC DOCUMENT FEEDER:
50 sheets, up to 8.5" x 14"

SCAN*
SCANNER TYPE:
Flatbed
Automatic Document Feeder

SCAN SPEED:
300 dpi: approx. 2 sec/pg
600 dpi: approx. 4 sec/pg

RESOLUTION:
600 x 600, 600 x 300 dpi

COLOR DEPTH:
24 bit

SCAN BED (PLATEN) SIZE:
Up to 8.5" x 14"

SCAN DESTINATION:
Scan to Email (Ethernet), FTP, SMB, USB

SCAN DRIVERS:
TWAIN and WIA (Windows only)

SCAN UTILITIES:
LinkMagic, ScanSoft PaperPort 11 SE (both Windows only), PageScope Workware™ (opt.)

AUTOMATIC DOCUMENT FEEDER:
50 sheets, up to 8.5" x 14" (216 x 356 mm)

*Notice for U.S.A.:
This product may contain mercury in the lamp used in the scanning unit. Please dispose of it according to local, state, or federal laws.

PC FAX
Send and receive digital faxes
(PC fax modem required)

FAX

FAX SPEED:
33.6 Kbps Super G3

FAX RESOLUTION:
Standard (203 x 98 dpi)
Fine (203 x 196 dpi)
Super Fine (203 x 392 dpi)

FAX MEMORY:
6 MB

COMPRESSION:
MH/MR/MMR/JBIG

AUTO REDUCTION:
Yes

DIALING:
Speed Dials: 220
Group Dial: 20 groups; 50 stations/group
Broadcast: 255 stations

HARDWARE AND SOFTWARE CAPABILITIES

PROCESSOR:
500 MHz Marvell Orion II

MEMORY:
512 MB DDR SDRAM on board
Upgradeable to 1,024 MB

HARD DISK DRIVE (optional):
40 GB

COMPACT FLASH CARD (optional)*:
256 MB, 512 MB, 1 GB, 2 GB, 4 GB
*Requires Compact Flash Card adapter. Cannot be installed at the same time as Hard Drive option. Compact Flash Cards available from 3rd-party vendors only.

OPERATING SYSTEM COMPATIBILITY:
Windows® Vista (x32, x64)
Windows Server 2003 (x32, x64)
Windows XP (x32, x64)
Windows 2000
Macintosh OS X (10.2+)
Macintosh OS X (Intel)
Linux Red Hat 9
Linux SuSE 8.2
Netware 4, 5, 6

PRINTER EMULATIONS:
XPS v1.0
PostScript 3
PCL 6

CAMERA DIRECT PHOTO PRINTING:
PictBridge™ 1.0 via USB 1.1 Host Port

USB FLASH DRIVE DIRECT PRINTING:
XPS*, PDF**, JPEG**, TIFF**
*Requires optional Hard Drive
**Requires optional Hard Drive or Compact Flash Card

PRINTER MANAGEMENT:
PageScope Net Care Device Manager
PageScope Web Connection
PageScope Network Setup
PageScope EMS Plug-ins
Tivoli NetView (2.0)
CA Unicenter 2.0
HP OpenView
Microsoft Management Console (MMC)
PageScope Plug and Print
PageScope NDPS Gateway
PageScope Direct Print
Download Manager

COLOR SUPPORT:
Enhanced Automatic Image Density Control (eAIDC)
ICC device profiles
Automatic ICC-based color matching
Dynamic Contone Screening
PANTONE® Color Tables
SWOP, Commercial, EuroColor®, DIC, and TOYO® press emulations

INTERFACE SUPPORT

Gigabit Ethernet (10/100/1000BaseTX)
USB 2.0
USB 1.1 Host Port

ETHERNET PROTOCOLS
TCP/IP, EtherTalk, IPX/SPX, UDP, IPP v1.1, SNMP, HTTP/HTTPS, WSD

PAPER HANDLING
STANDARD PAPER INPUT:
250-sheet cassette
100-sheet multipurpose tray

OPTIONAL PAPER INPUT:
500-sheet lower feeder

STANDARD PAPER OUTPUT:
250-sheet face-down output tray

AUTOMATIC DUPLExER:
For two-sided printing

PAPER SIZES SUPPORTED:
100-sheet multipurpose tray:
Letter
Legal
4" x 6"
Executive
Folio
Govt. Letter
Govt. Legal
UK Quarto
SP Folio
Statement
A4, A5, A6
B5, B6
Custom Sizes:
(W) 3.6" - 8.5" to (L) 5.8" - 14"
(W) 92-216 mm to (L) 148-356 mm
Envelopes:
Monarch, Com 10, DL, B5 (ISO), C6
Postcards:
Double

250-sheet lower feeder unit:
Letter
4"x6"
Executive
Govt. Letter
Statement
Custom Sizes:
(W) 3.6" - 8.5" to (L) 5.8" - 11.69"
(W) 92-216 mm to (L) 148-297 mm
A4, A5, A6
B5, B6

500-sheet optional lower feeder unit:
Letter
Legal
Executive
Govt. Letter
A4
B5

Duplexer:
Letter
Legal
Executive
Folio
Govt. Letter
Govt. Legal
A4
B5
Custom Sizes:
(W) 7.17" - 8.5" to (L) 10.12" - 14.02"
(W) 182-216 mm to (L) 257-356 mm

PRINTABLE AREA:
0.157" (4 mm) from all edges
8.19" (208 mm) maximum print width
13.7" (348 mm) maximum print length

PAPER WEIGHTS:
Plain Paper: 16-24 lb. Bond (60-90 g/m²)
Thick Stock: 24-110 lb. Index (90-210 g/m²)
via multipurpose Tray only
Automatic Document Feeder:
Simplex: Up to 34 lb. Bond (35-128 g/m²)
Duplex: Up to 34 lb. Bond (50-128 g/m²)
Duplexer: 16-24 lb. Bond (60-90 g/m²)

PRINT MEDIA:
Plain Paper
Recycled Paper
Letterhead
Thick Stock
Glossy Stock
Transparencies
Laser Quality Labels
Envelopes
Postcards

PHYSICAL TYPE:
Tandem Full Color AIO with Emperon Technology

DIMENSIONS (WXDXH):
21.22" x 23.23" x 22.76"
(539 x 590 x 578 mm)

WEIGHT:
121 lbs. (55 kg) - w/ consumables

ELECTRICAL POWER REQUIREMENTS:
100 VAC, 50/60 Hz
120 VAC, 50/60 Hz
220-240 VAC, 50/60 Hz

POWER CONSUMPTION:
Average: 650 Watts
Maximum: 1,250 Watts Max.
Standby: 200 Watts Avg.
Low Power Mode: 140 Watts or less
Energy Saver: 25 Watts or less

ENERGY STAR COMPLIANT*:
28W or less
*The addition of some options, in some combinations, may cause the product to become non-compliant.

ENVIRONMENTAL TEMPERATURE REQUIREMENTS:
Operating: 50° to 95° F (10° to 35° C)

HUMIDITY:
Operating: 15% to 85% RH

NOISE LEVELS:
Printing: <53.5 dB
Standby: <39 dB
Copying: <54.5 dB

REGULATORY/SAFETY CONFORMITY:
UL, cUL, CSA, FCC-B, CDRH

CONSUMABLES*:
In-Box Toner: Cyan, Magenta, Yellow, Black
(yield up to 8,000 pages @ 5% coverage)
Replacement Toner: Cyan, Magenta, Yellow, Black (yield up to 8,000 pages @ 5% coverage)
Imaging Unit: Cyan, Magenta, Yellow, Black (yield up to 30,000 pages)
Waste Toner Box

*The stated life expectancy of each consumable is based on printing under specific operating conditions such as page coverage for a particular page size (5% coverage of letter/A4). The actual consumable's life will vary depending on the use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, and ambient temperature and humidity.

WARRANTY:
C20: 1-year on-site
C20X: 3-year on-site

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