

→ Technical specifications bizhub C452/C552/C652 and bizhub C652DS

■ Copier specifications

Copying process	Electrostatic laser copy Tandem indirect
Toner system	Simitri HD®- polymerised toner
Copy/print speed A4 (mono/colour)	Up to 45/45 cpm (bizhub C452) Up to 55/45 cpm (bizhub C552) Up to 65/50 cpm (bizhub C652/DS)
Copy/print speed A3 (mono/colour)	Up to 23/23 cpm (bizhub C452) Up to 28/23 cpm (bizhub C552) Up to 33/25 cpm (bizhub C652/DS)
Autoduplex speed A4 (mono/colour)	Up to 45/45 cpm (bizhub C452) Up to 55/45 cpm (bizhub C552) Up to 65/50 cpm (bizhub C652/DS)
1st copy/print time (mono/colour)	4.8/6.0 sec. (bizhub C452) 4.3/6.0 sec. (bizhub C552) 3.8/5.5 sec. (bizhub C652/DS)
Warm-up time	Approx. 45 sec. ¹
Copy resolution	600 x 600 dpi
Gradation	256 gradations
Multi-copy	1–9,999
Original format	A5–A3
Magnification	25–400% in 0.1% steps; Autozooming
Copy functions	Chapter Cover and page insertion Proof copy (print and screen) Adjustment test print Digital art functions Job setting memory Poster mode; Image repeat Overlay Stamping Copy protection

■ Printer specifications

Print resolution	Equivalent to 1,800 x 600 dpi
Controller CPU	PowerPC MC7448 @ 1 GHz; 64 BIT
Page description language	PCL 6c (PCL 5c + XL3.0) PostScript 3 (CPSI 3017) XPS
Operating systems	Windows 2000 Windows XP Windows XP64 Windows VISTA 32 Windows VISTA 64 Windows 7 Windows 7 64 Windows Server 2000 Windows Server 2003/2003x64 Windows Server 2008/2008x64 Windows DPWS support Macintosh 9.x Macintosh 10.x Unix Linux Citrix
Printer fonts	80x PCL Latin 137x PostScript 3 Emulation Latin
Print functions	Direct print of PCL Direct print of PS Direct print of TIFF Direct print of XPS Direct print of PDF and Encrypted PDF files Mixmedia and mixplex Job programming "Easy Set" Overlay Watermark Copy Protection

■ Scanner specifications

Scan Speed mono/colour	Up to 78/78 opm (bizhub C452/C552/C652) Up to 156/156 opm (bizhub C652DS)
Scan resolution	Max.: 600 x 600 dpi
Scan modes	Network TWAIN scan Scan-to-eMail (scan-to-Me) Scan-to-FTP Scan-to-SMB (scan-to-Home) Scan-to-Box Scan-to-WebDAV Scan-to-DPWS Scan-to-USB
File formats	JPEG TIFF PDF Compact PDF; Encrypted PDF Searchable PDF (optional) XPS; Compact XPS
Scan destinations	2,100 (single + group); LDAP support
Scan functions	Annotation (text/time/date) for PDF; up to 400 job programs

■ Fax specifications

Fax standard	Super G3 (optional)
Fax transmission	Analogue i-Fax Colour i-Fax (RFC3949-C) IP-Fax
Fax resolution	Max.: 600 x 600 dpi (ultra-fine)
Fax compression	MH; MR; MMR; JBIG
Fax modem	Up to 33.6 Kbps
Fax destinations	2,100 (single + group)
Fax functions	Polling; Time shift; PC-Fax; Receipt to confidential box; Receipt to eMail/FTP/SMB; up to 400 job programs

■ User box specification

Max. user boxes	1,000
Max. storable documents	Up to 3,000 documents or 10,000 pages
Type of user boxes	Public Personal (with password or authentication) Group (with authentication)
Type of system boxes	Secure print Encrypted PDF print Fax receiving Fax polling
User box functionality	Reprint; combination Download Sending (email/FTP/SMB and Fax) Copy box to box

■ System Specifications

System memory	2,048 MB
System hard disc	250 GB
Interface	10-Base-T/100-Base-T/1,000-Base-T Ethernet; USB 2.0
Network protocols	TCP/IP (IPv4 / IPv6); IPX/SPX; NetBEUI; AppleTalk (EtherTalk); SMB; LPD; IPP; SNMP; HTTP
Frame types	Ethernet 802.2; Ethernet 802.3; Ethernet II; Ethernet SNAP
Automatic document feeder	Up to 100 originals; A6–A3; 35–210 gsm Reverse ADF (bizhub C452/C552/C652) Dualscan ADF (bizhub C652DS)
Printable paper size	A6–A3 full bleed; customised paper sizes; banner paper max. 1,200 x 297 mm
Printable paper weight	64–300 gsm
Paper input capacity	Standard: 3,650 sheets Max.: 6,650 sheets
Tray 1 + 2	500 sheets; A5–A3+; 64–256 gsm
Tray 3	1,500 sheets; A4; 64–256 gsm

¹ Warm up time may vary depending on the operating environment and usage



Tray 4	1,000 sheets; A4; 64–256 gsm
Manual Bypass	150 sheets; A6–A3+; custom sizes; banner 64–300 gsm
Large Capacity Cabinet (optional)	3,000 sheets; A4; 64–256 gsm
Large Capacity Cabinet (optional)	2,500 sheets; A4–A3+; 64–256 gsm
Automatic duplexing	A5–A3+; 64–256 gsm
Finishing modes (optional)	Offset; group; sort; staple; punch; centre-fold; booklet (bizhub C452) Offset; group; sort; staple; punch; post insertion; z-fold; centre-fold; letter-fold; booklet (bizhub C552/C652/DS)
Output capacity (w. finisher)	Max.: 3,200 sheets
Output capacity (w/o finisher)	Max.: 250 sheets
Stapling	Max.: 50 sheets or 48 sheets + 2 cover sheets (up to 209 gsm) (bizhub C452) Max.: 100 sheets or 98 sheets + 2 cover sheets (up to 209 gsm) (bizhub C552/C652/DS)
Stapling output capacity	Max. 1,000 sheets
Letterfold	Up to 3 sheets (bizhub C552/C652/DS only)
Letterfold capacity	20 sheets (tray); unlimited (bizhub C552/C652/DS only)
Booklet	Max.: 15 sheets or 14 sheets + 1 cover sheet (up to 209 gsm) (bizhub C452) Max.: 20 sheets or 19 sheets + 1 cover sheet (up to 209 gsm) (bizhub C552/C652/DS)
Booklet output capacity	Max.: 75 sheets (bizhub C452) Max.: 100 sheets (tray); unlimited (bizhub C552/C652/DS)
Copy/print volume (monthly)	Rec.: 65,000; Max.: 150,000 (bizhub C452) Rec.: 80,000; Max.: 200,000 (bizhub C552) Rec.: 100,000; Max.: 250,000 (bizhub C652/DS)
Toner lifetime	Black 45,000; CMY 30,000
Imaging unit lifetime	Black 285,000/1,140,000 (Drum/Developer) CMY 120,000 (bizhub C452/C552) CMY 135,000 (bizhub C652/DS)
Power consumption	220–240 V / 50/60Hz Less than 2.0 KW (bizhub C452/C552) Less than 2.1 KW (bizhub C652/DS)
System dimensions (W x D x H, mm)	650 x 879 x 1155
System weight	Approx. 221 kg

■ System features

Security	ISO 15408 EAL3 (in evaluation) 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 disc overwrite (8 standard types) Hard disc data encryption (AES 256) Memory data auto deletion Confidential fax receiving Print user data encryption Copy Protection (copy guard, password)
Accounting	Up to 1,000 user accounts Active Directory support (user name + password + email + smb folder) User function access definition Biometric authentication (finger vein) optional IC-Card authentication (IC-Card reader) optional
Software	PageScope Net Care Device Manager PageScope Data Administrator PageScope Box Operator PageScope Direct Print Print Status Notifier Driver Packaging Utility Log Management Utility

