

SPECIFICATIONS - bizhub C287 / C227

bizhub C287/C227 General Specifications

		bizhub C287		bizhub C227	
Type		Desktop Full Colour Printer / Copier / Scanner			
Colour Support		Full colour			
Copy Resolution	Scan	Main: 600 dpi x Sub: 600 dpi			
	Print	1,800 dpi (equivalent) x 600 dpi			
Gradation		256			
Memory Capacity (Std./Max.)		2 GB			
HDD		250 GB (optional)			
Original Type		Sheets, Books, Objects			
Max. Original Size		A3			
Output Size	Main unit	A3 to A5			
	Bypass Tray	A3 to A5, B6 ¹⁾ , A6 ¹⁾ , Postcard, Envelope ²⁾ , Tab paper, Banner paper (Width: 210 mm to 297 mm, Length: 432 mm to 1,200 mm) ^{*3}			
Image Loss		Max. 4.2mm or less for top edge (5 mm for thin paper), Max. 3.0mm or less for bottom edge, Max. 3.0mm or less for right/left edges ^{*4} A loss of 4.2 mm each during printing.			
Warm-Up Time ^{*4} (23 C, std. voltage)		Colour/B&W: 20 sec. or less			
^{*5} The time required to start printing when both the main power and sub-power switches are turned from OFF to ON.					
^{*6} The time required to start printing when the main power switch is ON and the sub-power switch is turned from OFF to ON.		Colour/B&W: 20 sec. or less			
First Copy Out Time ^{*5}	Colour	8.4 sec. or less			
	B/W	6.8 sec. or less			
Copy Speed (Colour/B&W, A4)		28 ppm		22 ppm	
Copy Magnification	Fixed Same Magnification	1: 1 0.5% or less			
	Scaling Up	1: 1.154/1.224/1.414/2.000			
	Scaling Down	1: 0.866/0.816/0.707/0.500			
	Preset	3 types			
	Zoom	25 to 400% (in 0.1% increments)			
	Lengthwise Crosswise Individual Settings	25 to 400% (in 0.1% increments)			
Paper Capacity (80 g/m ²)	Tray 1	500 sheets			
	Tray 2	500 sheets			
	Multiple Bypass Tray	100 sheets			
Max. Paper Capacity (80 g/m ²) ^{*6}		3,600 sheets			
Paper Weight	Tray 1 / 2	60 to 256 g/m ²			
	Multiple Bypass Tray	60 to 256 g/m ²			
Multiple Copy		1 to 9,999 sheets			
Auto Duplex	Paper Size	A3 to A5, B6 ¹⁾ , A6 ¹⁾ , Postcard			
	Paper Weight	60 to 209 g/m ²			
Power Requirements		AC220 to 240 V 8 A (50 to 60 Hz)			
Max. Power Consumption		1.58 kW or less			
Dimensions [W] x [D] x [H]		585 x 660 x 787 mm (23-1/16" x 26" x 31")			
Weight		Approx. 72 kg (158-3/4 lb)			
Space Requirements [W] x [D] ^{*7}		899 x 1,090 mm (35-1/2" x 45-15/16")			

*1 Short edge feed 

*2 Wrinkles or printing errors may occur due to the type, storage or environment that exists when envelope printing is carried out.

*3 Printing on banner paper can only be performed from a PC.

*4 May vary depending on the operating environment and usage.

*5 A4 long edge feed full size/using the first tray/scanning from the original glass surface.

*6 With options installed.

*7 Without options, with paper trays pulled out, and multiple bypass tray, auxiliary tray and ADF opened.

Printer Specifications

Type	Embedded	
CPU	ARM Cortex-A7 Dual-core 1.2GHz	
Memory	2 GB (2,048 MB)	
Print Speed	Same as Copy Speed (when using the same original)	
HDD	250 GB (Shared with the copier)	
Print Resolution	1,800 dpi (equivalent) x 600 dpi	
PDL	PCL5e/c, PCL 6, PostScript 3 Emulation, XPS, BMLinkS	
Protocol	TCP/IP (LPD, Raw, SMB, IPP), IPX/SPX (NDS support), AppleTalk	
Support OS	Windows Vista [*] / 7 ^{*1} / 8 ^{*1} / 8.1 ^{*1} / 10 ^{*1}	
	Windows Server 2008 ^{*1} / 2008 R2 / 2012 / 2012 R2	
	Mac OS X (10.6 / 10.7 / 10.8 / 10.9 / 10.10 / 10.11)	
	Linux	
Fonts	PCL	80 Roman fonts
	PS	137 Roman Type1 fonts
Interface	Ethernet (10BASE-T/100BASE-TX/1000BASE-T), USB 1.1, USB 2.0, IEEE 802.11 b/g/n ^{*2}	

*1 Supports the 32-bit (x86) or 64-bit (x64) environment.

*2 Optional

Scanning Specifications

Type	Full-Colour Scanner	
Interface	Ethernet (10BASE-T/100BASE-TX/1000BASE-T), USB 1.1, USB 2.0, IEEE 802.11 b/g/n ^{*1}	
Driver	TWAIN Driver, HDD TWAIN Driver	
Protocol	TCP/IP (FTP, SMB, SMTP, WebDAV) (IPv4/IPv6)	
Scanning Speed (Colour/B&W) (300 dpi, A4, Simplex)		45 opm ^{*2}
Scanning Size		Max. A3 (11" x 17")
Output Format		TIFF, JPEG, PDF, Compact PDF, XPS, Compact XPS, OOXML (pptx, xlsx ^{*1} , docx ^{*1}), Searchable PDF ^{*1} , PDF/A ^{*1} , Linearised PDF ^{*1}
Scanning Resolution	Push	200 dpi / 300 dpi / 400 dpi / 600 dpi
	Pull	100 dpi / 200 dpi / 300 dpi / 400 dpi / 600 dpi
Main Functions	Scan to E-Mail, Scan to FTP, Scan to BOX (HDD), Scan to PC (SMB), Network TWAIN, Scan to WebDAV, Scan to USB, Scan to Scan Server, Scan to Me, Scan to Home, Scan to Web Service (WSD-Scan), Device Profile for Web Services (DPWS)	
Other Functions	Multi-Method Send, Authentication at the time of E-Mail send (SMTP authentication, POP before SMTP), S/MIME, Annotation	
Support OS	Windows Vista ^{*3} / 7 ^{*3} / 8 ^{*3} / 8.1 ^{*3} / 10 ^{*3}	

*1 Optional

*2 When using the Reverse Automatic Document Feeder DF-628.

*3 Supports the 32-bit (x86) or 64-bit (x64) environment.

Internet Fax

Protocol	TX: SMTP, RX: POP3, TCP/IP Simple mode
Connection Mode	Full-Mode
Sending Paper Size	A3, B4, A4
Recording Paper Size	Max. A3
Resolution	B/W: 200 x 100 dpi, 200 x 200 dpi, 400 x 400 dpi, 600 x 600 dpi Colour: 200 x 200 dpi, 400 x 400 dpi, 600 x 600 dpi
Interface	Ethernet (10BASE-T/100BASE-TX/1000BASE-T)
Colour	Support Colour Internet Fax
Format	B/W: TIFF-F Colour: TIFF (Conforms to RFC3949 Profile-C)

Fax Kit FK-513 (Optional) *Optional HDD HD-522 is required.

Communication	Super G3
Compatible Lines	Public Switch Telephone Network, Private Branch Exchange, Fax Communication Line
Line Density	Ultra Fine: 600 dpi 600 dpi
	Super Fine: 16 dot/mm 15.4 line/mm, 400 dpi 400 dpi
	Fine: 8 dot/mm 7.7 line/mm, 200 dpi 200 dpi
	Normal: 8 dot/mm 3.85 line/mm
Modem Speed	2.4 to 33.6 kbps
Compression	MHR/MMR/JBIG
Sending Paper Size	Max. A3 (Long Length Support: Max.1,000 mm)
Recording Paper Size	Max. A3 (Long Length Max. 1,000 mm — following the page division —)
Transmission Speed	Less than 2 sec. (A4, V.34, 33.6 kbps, JBIG)
Memory	Shared with the copier
Number of Abbr. Dials	2,000
Number of Program Dials	400
Number of Group Dials	100
Sequential Multiple Station Transmission	Max. 600

IP Address Fax *Optional Fax Kit FK-513 and HDD HD-522 are required.

Protocol Transmission	TCP/IP, SMTP
Sending Paper Size	A3, B4, A4
Resolution	200 x 200 dpi, 400 x 400 dpi, 600 x 600 dpi
Format	B/W: TIFF-F, TIFF-S Colour: TIFF, PDF

Reverse Automatic Document Feeder DF-628 (Optional)

Type	Circulatory duplex system	
Support Paper Size	Max. A3 (Fax mode: Max. 1,000 mm)	
Mixed Size	Support	
Original Set	Centre guide	
Support Paper Weight	Simplex: 35 to 128 g/m ²	
	Duplex/Mixed Original: 50 to 128 g/m ²	
Paper Capacity	Max. 130 sheets (68 g/m ²)	
Productivity (A4)	Simplex	Colour/B&W: 45 opm (300 dpi), 36 opm (600 dpi)
	Duplex	Colour/B&W: 22 opm (300 dpi), 17 opm (600 dpi)
Power Requirements		Supplied from the MFP main body
Dimensions [W] x [D] x [H]		585 x 504 x 127 mm (23" x 19-3/4" x 5")
Weight		Approx. 9 kg (19-3/4lb)

Finisher FS-533 (Optional) *Optional Mount Kit MK-602 and MK-603 are required.

Type	Finisher	
Support Paper Type	Plain paper (60 to 90 g/m ²), Thick paper (91 to 256 g/m ²), Envelope, Tab paper, Banner paper	
Support Paper Size	A3 to A5, B6 ¹⁾ , A6 ¹⁾ , Postcard	
Mode	Sort, Group, Offset Sort, Offset Group, Staple	
Stacking Capacity	500 sheets (60 to 90 g/m ² , A4 ^{*1} or smaller)	
	250 sheets (60 to 90 g/m ² , B4 or larger)	
	10 sheets (91 to 256 g/m ² , special paper)	
Staple Capacity	50 sheets (60 to 90 g/m ² , A4 ^{*1} or smaller)	
	30 sheets (60 to 90 g/m ² , B4 or larger)	
	2 sheets (91 to 256 g/m ² , as cover pages)	
Power Requirements		Supplied from the MFP main body
Max. Power Consumption		40 W or less
Dimensions [W] x [D] x [H]		472.5 x 583.5 x 194.7 mm (18-1/2" x 23" x 7-3/4")
Weight		Approx. 12 kg (26-1/2 lb)

*1 Short edge feed 

Punch Kit PK-519 (Optional)

Applicable	Finisher FS-533
Number of holes	2 holes or 4 holes
Support Paper Type (Weight)	Plain paper (60 to 90 g/m ²), Thick paper (91 to 157 g/m ²)
Support Paper Size	A3 to B5
Power Requirements	Supplied from Finisher FS-533
Dimensions [W] x [D] x [H]	110.2 x 483.5 x 203.2 mm (4-1/2" x 19" x 8")
Weight	Approx. 3.2 kg (7 lb)

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Job Separator JS-506 (Optional) *Optional Mount Kit MK-603 is required.

Support Paper Type (Weight)	Tray 1	Plain paper (60 to 90 g/m ²), Thick paper (91 to 256 g/m ²), Envelope, Tab paper, Banner paper
	Tray 2	Plain paper (60 to 90 g/m ²), Thick paper (91 to 256 g/m ²), Envelope, Tab paper, Banner paper
Support Paper Size	A3 to A5, B6 ¹ , A6 ¹ , Postcard	
Stacking Capacity	Tray 1	100 sheets (60 to 90 g/m ²)
	Tray 2	150 sheets (60 to 90 g/m ²)
Power Requirements	Supplied from MFP main body	
Max. Power Consumption	24 W or less	
Dimensions [W] x [D] x [H]	451 x 469 x 227mm (17-3/4" x 18-1/2" x 9")	
Weight	Approx. 1.5 kg (3-1/4 lb)	

*1 Short edge feed 



Finisher FS-534 (Optional) *Optional Mount Kit MK-603 and Relay Unit RU-514 are required.

Type		Finisher
Support Paper Type		Plain paper (60 to 90 g/m ²), Thick paper (91 to 256 g/m ²), Envelope, Tab paper, Banner paper
Support Paper Size		A3 to A5, B6 ¹ , A6 ¹ , Postcard
Mode		Sort, Group, Offset Sort, Offset Group, Staple
Stacking Capacity	Output tray 1 (Sub tray)	200 sheets (60 to 90 g/m ²) 20 sheets (91 to 256 g/m ² , special paper)
	Output tray 2 (Main tray)	3,000 sheets (60 to 90 g/m ² , A4* ¹ or smaller, B5 or larger) 1,500 sheets (60 to 90 g/m ² , B4 or larger) 500 sheets (60 to 90 g/m ² , A5 or smaller) 20 sheets (91 to 256 g/m ² , special paper)
	Output tray 3 (Relay Unit top surface)	100 sheets (60 to 90 g/m ²) 20 sheets (91 to 256 g/m ² , special paper)
Staple Capacity		50 sheets (Plain Paper 60 to 90 g/m ²)
		48 sheets (Plain paper 60 to 90 g/m ²) + 2 sheets (Thick paper 91 to 209 g/m ²)
		30 sheets (Thick paper 91 to 120 g/m ²)
		15 sheets (Thick paper 121 to 209 g/m ²)
Power Requirements		Supplied from the MFP main body
Max. Power Consumption		56 W or less
Dimensions [W] x [D] x [H]		528 x 641 x 1,023 mm (20-3/4" x 25-1/4" x 40-1/4")
Weight		Approx. 40 kg (88-1/4 lb)

*1 Short edge feed 



Finisher FS-534SD (Optional) *Optional Mount Kit MK-603 and Relay Unit RU-514 are required.

Type		Finisher
Support Paper Type		Plain paper (60 to 90 g/m ²), Thick paper (91 to 256 g/m ²), Envelope, Tab paper, Banner paper Centre Staple: 60 to 90 g/m ² Half-Fold: 60 to 209 g/m ² (more than 91 g/m ² Thick paper can be used only as a cover page) Tri-Fold: 60 to 90 g/m ²
Support Paper Size		A3 to A5, B6 ¹ , A6 ¹ , Postcard Centre Staple, Half-Fold: A3, B4, A4 ¹ Tri-Fold: A4 ¹
Mode		Sort, Group, Offset Sort, Offset Group, Staple
Staple Capacity		50 sheets (Plain Paper 60 to 90 g/m ²)
		48 sheets (Plain paper 60 to 90 g/m ²) + 2 sheets (Thick paper 91 to 209 g/m ²)
		30 sheets (Thick paper 91 to 120 g/m ²)
		15 sheets (Thick paper 121 to 209 g/m ²)
Maximum Number of Sheets that can be Centre stapled		20 (60 to 90 g/m ²) sheets, or 19 (90 g/m ²) sheets + Thick (209 g/m ²) 1 sheet
Maximum Number of Folded Sheets		Half-Fold: 5 sheets or Thick (91 to 209 g/m ²) 1 sheet, Tri-Fold: 3 sheets
Stacking Capacity	Output tray 1 (Sub tray)	200 sheets (60 to 90 g/m ²) 20 sheets (91 to 256 g/m ² , special paper)
	Output tray 2 (Main tray)	3,000 sheets (60 to 90 g/m ² , A4* ¹ or smaller, B5 or larger) 1,500 sheets (60 to 90 g/m ² , B4 or larger) 500 sheets (60 to 90 g/m ² , A5 or smaller) 20 sheets (91 to 256 g/m ² , special paper)
	Output tray 3 (Relay Unit top surface)	100 sheets (60 to 90 g/m ²) 20 sheets (91 to 256 g/m ² , special paper)
	Folding output tray	1 to 3 sheets: 20 sets 4 to 10 sheets: 10 sets 11 to 20 sheets: 5 sets Tri-Fold (1 sheet): 30 sets Tri-Fold (2-3 sheets): 10 sets
Power Requirements		Supplied from the MFP main body
Max. Power Consumption		56 W or less
Dimensions [W] x [D] x [H]		528 x 641 x 1,023 mm (20-3/4" x 25-1/4" x 40-1/4")
Weight		Approx. 64 kg (141 lb)

*1 Short edge feed 



Punch Kit PK-520 (Optional)

Applicable	Finisher FS-534/FS-534SD
Number of holes	2 holes or 4 holes
Support Paper Type (Weight)	Plain paper (60 to 90 g/m ²), Thick paper (91 to 256 g/m ²)
Support Paper Size	A3 to B5
Power Requirements	Supplied from Finisher FS-534/FS-534SD
Dimensions [W] x [D] x [H]	61 x 492 x 142 mm (2-1/2" x 19-1/2" x 5-1/2")
Weight	Approx. 1.8 kg (4 lb)



Paper Feed Cabinet PC-114 (Optional)

Support Paper Type (Weight)	Plain paper (60 to 90 g/m ²) Thick paper (91 to 256 g/m ²)
Support Paper Size	A3 to A5 ¹
Paper Capacity	Top tray (Tray 3) Plain paper: 500 sheets, Thick paper: 150 sheets
Power Requirements	Supplied from the MFP main body
Dimensions [W] x [D] x [H]	564 x 640 x 254 mm (22-1/4" x 25-1/4" x 10")
Unit Configuration	Paper tray, 1 level
Weight	Approx. 22 kg (48-1/2 lb)

*1 Short edge feed 



Paper Feed Cabinet PC-214 (Optional)

Support Paper Type (Weight)	Plain paper (60 to 90 g/m ²) Thick paper (91 to 256 g/m ²)
Support Paper Size	A3 to A5 ¹
Paper Capacity	Top tray (Tray 3) Plain paper: 500 sheets, Thick paper: 150 sheets
	Bottom tray (Tray 4) Plain paper: 500 sheets, Thick paper: 150 sheets
Power Requirements	Supplied from the MFP main body
Dimensions [W] x [D] x [H]	564 x 640 x 254 mm (22-1/4" x 25-1/4" x 10")
Unit Configuration	Paper tray, 2 level
Weight	Approx. 24 kg (53 lb)

*1 Short edge feed 



Paper Feed Cabinet PC-414 (Optional)

Support Paper Type (Weight)	Plain paper (60 to 90 g/m ²) Thick paper (91 to 256 g/m ²)
Support Paper Size	A4 ¹
Paper Capacity	Plain paper: 2,500 sheets, Thick paper: 1,000 sheets
Power Requirements	Supplied from the MFP main body
Dimensions [W] x [D] x [H]	564 x 640 x 254 mm (22-1/4" x 25-1/4" x 10")
Unit Configuration	Paper tray, 2 level
Weight	Approx. 24.5 kg (54 lb)

*1 Long edge feed 



Authentication Unit (IC Card type) AU-201S (Optional)

Applicable Card	FeliCa (IDm), SSFC, FCF, FCF (campus), FeliCa Private, TypeA MIFARE (UID), NFC (Host Card Emulation)
Interface	USB 2.0
Power Supply	Power received from USB port
Dimensions [W] x [D] x [H]	98 x 64 x 13 mm (3-7/8" x 2-1/2" x 1/2") (not including projections)
Weight	Approx. 100 g (1/4 lb)

Authentication Unit (Biometric type) AU-102 (Optional)

Biometric Sensor System	Transmission-type optical system
Interface	USB 2.0
Verification Time	Approx. 1 sec. or less
Max. Power Consumption	DC 5 V 500 mA
Dimensions [W] x [D] x [H]	59 x 82 x 74 mm (2-1/4" x 3-1/4" x 3")
Weight	Approx. 96 g (1/4 lb) (excluding USB cable)