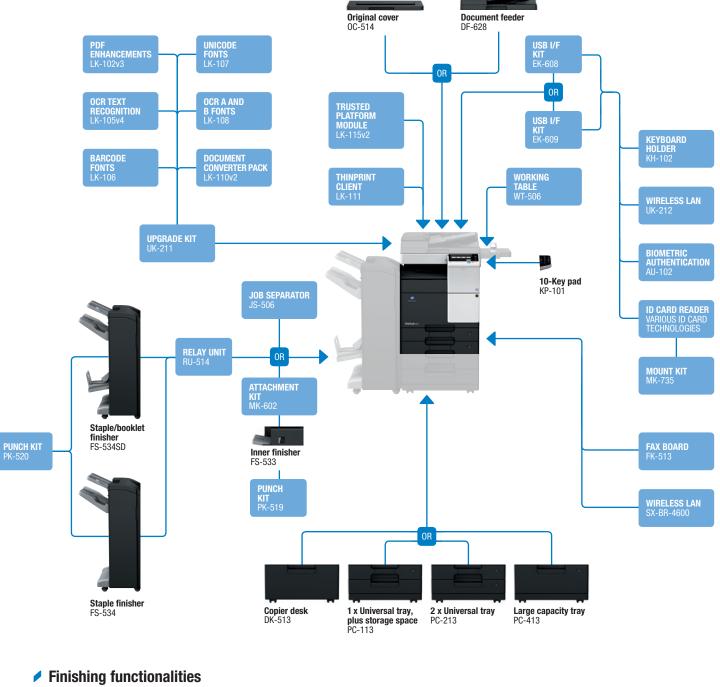


## DATASHEET bizhub 227

# Technology

Emperon™ – print controller	Easily compatible with different users and IT environments through Konica Minolta's unified print technology	<ul> <li>✓</li> </ul>
Simitri® HD – polymerised toner	Delivers high print quality and yet ensures reduced print spending as well as lower environmental impact	<b>v</b>
OpenAPI – solution platform	Server-based applications provide efficient workflows for the entire MFP fleet	<b>v</b>
i-Option – special feature	Offers extended scope and advanced MFP functionality in line with individual requirements	<b>v</b>
CSRC – remote service	Keeps productivity up with online monitoring of devices and consumables through the Konica Minolta service	<ul> <li>✓</li> </ul>
IWS – panel customisation	Improved user-device interaction and enhanced productivity through full MFP panel customisation	<ul> <li>✓</li> </ul>

# Option diagram



		E								
Corner stapling	Two-point stapling	Two-hole punching	Four-hole punching	Duplex	Combined mixplex/ mixmedia	Half-fold	Sheet insertion, report	Letter-fold	Booklet	Offset sorting

# Descriptions

bizhub 227	Communication centre with 22 ppm b/w. Standard Emperon™ print controller with PCL 6 (PCL 5 + XL 3.0), PostScript 3, PDF 1.7, XPS and 00XML support. Paper capacity of 500 + 500 sheets and 100-sheet manual bypass. Media from A6 to A3 and 60 – 220 gsm. 2 GB memory, 250 GB hard disk and Gigabit Ethernet standard.
DF-628 Document feeder	Reversing automatic document feeder, capacity 100 originals
OC-514 Original cover	Cover instead of ADF
PC-113 1 x Universal tray	A5-A3, 500 sheets, 60-220 gsm
PC-213 2 x Universal tray	A5–A3, 2 x 500 sheets, 60–220 gsm
PC-413 Large capacity tray	A4, 2,500 sheets, 60-220 gsm
DK-513 Copier desk	Provides storage space for print media and other materials
MK-602 Attachment kit	For FS-533 installation
FS-533 Inner finisher	50-sheet stapling, 500 sheets max. output
PK-519 Punch kit for FS-533	2/4 hole punching, autoswitching
FS-534 Staple finisher	50-sheet stapling, 3,300 sheets max. output
FS-534SD Booklet finisher	50-sheets staple finisher, 20-sheets booklet finisher,
	2,300 sheets max. output
RU-514 Relay unit for FS-534	For FS-534 installation
PK-520 Punch kit	2/4 hole punching, autoswitching
for FS-534/SD	
JS-506 Job separator	Separation for fax output etc.

KP-101 10-Key pad	For use instead of touchscreen
WT-506 Working table	Authentication device placement
FK-513 Fax board	G3 fax, digital fax functionality
KH-102 Keyboard holder	To place USB keyboard
EK-608 USB I/F kit	USB keyboard connection
EK-609 USB I/F kit	USB keyboard connection, Bluetooth
	(available from Sept. 2015 onwards)
ID card reader	Various ID card technologies
MK-735 Mount kit	Installation kit for ID card reader
AU-102	Finger vein scanner
Biometric authentication	
LK-102v3	PDF/A, PDF encryption, digital signature
PDF enhancements	
LK-105v4	Searchable PDF and PPTX
OCR text recognition	
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	Generates various file formats incl. DOCX, XLSX and
converter pack	PDF/A
LK-111 ThinPrint <sup>®</sup> Client	Print data compression for reduced network impact
LK-115v2 TPM activation	Trusted Platform Module for protection of data encryp-
	tion and decryption
UK-211 Upgrade kit	2 GB memory extension for upgrades
UK-212 Wireless LAN	Wireless LAN and wireless LAN Access Point Mode
SX-BR-4600 Wireless LAN	Wireless LAN to network connector

# Technical specifications

## SYSTEM SPECIFICATIONS

STSTEN SPECIFICATION	
System memory	2,048 MB (standard)
System hard disk	250 GB (standard)
Interface	10-Base-T/100-Base-T/1,000-Base-T Ethernet; USB 2.0
Network protocols	TCP/IP (FTP; SMB; SMTP; WebDAV) (IPv4/IPv6)
Frame types	Ethernet 802.2; Ethernet 802.3; Ethernet II; Ethernet SNAP
Automatic document	Up to 100 originals; A6–A3; 35–163 gsm
feeder	RADF optional avaiable
Printable paper size	A5-A3; A6S; Thick Paper X/Y size input range: Width:
	90–297 mm; Length: 139.7–431.8 mm
Printable paper weight	60–220 gsm
Paper input capacity	Standard: 1,100 sheets
	Max.: 3,600 sheets
Tray 1	500 sheets; A5-A4; 60-220 gsm
Tray 2	500 sheets; A5-A3; 60-220 gsm
Tray 3 (optional)	500 sheets; A5-A3; 60-220 gsm
Tray 4 (optional)	2 x 500 sheets; A5-A3; 60-220 gsm
Large capacity tray	2,500 sheets; A4; 60-220 gsm
(optional)	
Manual bypass	100 sheets; A6–A3; custom sizes; 60–220 gsm
Automatic duplexing	A5-A3; 60-209 gsm
Finishing modes	Offset; group; sort; staple; punch; centre-fold; letter fold;
(optional)	booklet
Output capacity	Max.: 3,300 sheets
(with finisher)	
Output capacity	Max.: 250 sheets
(without finisher)	
Stapling	Max.: 50 sheets or
	48 sheets + 2 cover sheets (up to 209 gsm)
Stapling output capacity	
Letter fold	Up to 3 sheets
Letter fold capacity	Max.: 30 sheets (tray); unlimited
Booklet	Max.: 20 sheets or
	19 sheets + 1 cover sheet (up to 209 gsm)
Booklet output capacity	Max.: 100 sheets (tray); unlimited
Copy/print volume	Rec.: 10,000 pages
(monthly)	Max. <sup>1</sup> : 19,000 pages
Toner lifetime	23,000 pages
Imaging unit lifetime	80,000 pages/600,000 pages (Drum/Developer)
Power consumption	220–240 V / 50/60 Hz; Less than 1.5 kW (system)
System dimensions	585 x 660 x 735 mm (Standard configuration of main body
(W x D x H)	
System weight	Approx. 56.5 kg
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### COPIER SPECIFICATIONS

CUFIEN OFECIFICATIO	JNG		
Copying process	Electrostatic laser copy; indirect		
Toner system	Simitri <sup>®</sup> HD polymerised toner		
Copy/print speed A4	Up to 22 ppm		
Copy/print speed A3	Up to 14 ppm		
Autoduplex speed A4	Up to 22 ppm		
1st copy out time	5.3 sec.		
Warm-up time	Approx. 20 sec. <sup>2</sup>		
Copy resolution	600 x 600 dpi		
Gradation	256 gradations		
Multicopy	1-9,999		
Original format	A5-A3		
Magnification	25–400% in 0.1% steps; auto-zooming		
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 (optional);		
	stamping		

<sup>1</sup> If the maximum volume is reached within a period of one year, then a maintenance cycle must be performed <sup>2</sup> Warm-up time may vary depending on the operating environment and usage

# bizhub 227

PRINTER SPECIFICAT	IONS		
Print resolution	1,800 (equivalent) x 600 dpi		
Page description	PCL 6 (PCL 5 + XL 3.0); PostScript 3 (CPSI 3016); XPS		
language			
Operating systems	Windows VISTA (32/64)		
	Windows 7 (32/64)		
	Windows 8 (32/64)		
	Windows 8.1 (32/64)		
	Windows Server 2003/2003 R2		
	Windows Server 2008/2008 R2 (32/64)		
	Windows Server 2012/2012 R2 (64)		
	Macintosh OS X 10.x		
	Unix; Linux; Citrix		
Printer fonts	80 PCL Latin; 137 PostScript 3 Emulation Latin		
Print functions	Direct print of PCL; PS; TIFF; XPS; PDF (v1.7); encrypted		
	PDF files and OOXML (DOCX; XLSX; PPTX); mixmedia and		
	mixplex; "Easy Set" job programming; overlay; watermark;		
	carbon copy print		
Mobile Printing	AirPrint (iOS); Mopria (Android); Google Cloud Print		
	(optional); WiFi Direct (optional); Konica Minolta Print		
	Service (Android); PageScope Mobile (iOS & Android); NFC		
	Authentication and Pairing (Android)		

### SCANNER SPECIFICATIONS

Scan speed (with	Up to 45 ipm
optional document	
feeder) (mono/colour)	
Scan resolution	Max.: 600 x 600 dpi
Scan modes	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
	Network TWAIN scan
File formats	TIFF; PDF; Compact PDF; JPEG; XPS; Compact XPS; DOCX;
	XLSX; searchable PDF; PDF/A; linerarized PDF
Scan destinations	2,100 (single + group); LDAP support
Scan functions	Annotation (text/time/date) for PDF; up to 400 job programs;
	Realtime scan preview

### FAX SPECIFICATIONS

Fax standard	G3	
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 e-mail/FTP/SMB; up to 400 job programs	

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 receipt			
	Fax polling			
User box functionality	Reprint; combination			
	Download			
	Sending (e-mail/FTP/SMB and fax)			
	Copy box to box			
SYSTEM FEATURES				
Security	IS015408/IEEE 2600.1 compliant (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 disk overwrite (8 standard types);			
	Hard disk data encryption (AES 256);			
	Memory data auto deletion; Confidential fax receipt;			
	Print user data encryption			
Accounting	Up to 1,000 user accounts; Active Directory support			
	(user name + password + e-mail + smb folder)			
	User function access definition			
	Biometric authentication (finger vein scanner) optional			
	ID card authentication (ID 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			

- All specifications refer to A4-size paper of 80 gsm quality.
   The support and availability of the listed specifications and functionalities varies 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 A4). 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 Minotta does not warrant that any specifications mentioned will be error-free.
   All brand and product names may be registered trademarks or trademarks of their respective holders and are hereby acknowledged.

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