

SYSTEM SPECIFICATION

**Built for
work that
doesn't wait.**



**Xerox® C255a Color
Multifunction Printer**



SYSTEM SPECIFICATION

Xerox® C255a Color Multifunction Printer



PRINT (UP TO:)

SYSTEM SPECIFICATION	XEROX® C255A COLOR MULTIFUNCTION PRINTER
Simplex Speed ¹ – Letter/A4 Color, B&W (Up To:)	26/25 pages per minute (ppm)
Duplex Speed ¹ – Letter/A4 Color, B&W (Up To:)	13/13 images per minute (ipm)
Monthly Duty Cycle ² (Up To:) Pages Per Month	50,000
Recommended Average Monthly Print Volume (Up To:) Pages Per Month	2,500
Processor Speed/Memory	1 GHz/1 GB RAM
Connectivity	Hi-Speed USB 2.0 (Type B rear; Type A front), Gigabit Ethernet, Wireless 802.11a/b/g/n/ac + Apple iBeacon
Imaging Technology	Color Laser

PRINT AND COPY

SYSTEM SPECIFICATION	XEROX® C255A COLOR MULTIFUNCTION PRINTER
Print Resolution	4800 Color Quality (2400x600 dpi)
Copy Resolution (Up To:)	600x600 dpi
First-print-out Time (As Fast As:)	10.5 B&W/10.7 color (seconds)
First-copy-out Time (As Fast As:)	10.4 B&W/10.7 color (seconds)
Page Description Languages	PostScript® 3 Emulation, PCL®6 Emulation, PCL®5 Emulation, PCL®m, and PDF
Print Features	One-touch UI, Print Quality, Normal, Secure, Saved and Sample Set Job Types, Duplex, Orientation, Collation, Print Job ID in Margins, Draft Mode, N-up, Booklet Layout, Watermark, Tray and Toner Status, Rotate Image 180 Degrees, Saved Settings, Earth Smart Settings

*Driver support only available via Lexmark Universal Print Drivers

MOBILE- AND CLOUD-READY

SYSTEM SPECIFICATION	XEROX® C255A COLOR MULTIFUNCTION PRINTER
Mobile Printing	Apple AirPrint™, Mopria® Print Service, Wi-Fi Direct®
Mobile Scanning	Apple AirPrint™, Mopria® Scan Service
Xerox® Workplace Suite and Xerox® Workplace Cloud	Yes
Cloud Connectivity	Yes (via the Xerox® Print and Scan Experience App)

SCAN

SYSTEM SPECIFICATION	XEROX® C255A COLOR MULTIFUNCTION PRINTER
Destinations	Email, Front-side USB drive, File Transfer Protocol (FTP), Network or USB-connected Computer, Windows Network Folder
File Formats	Scan Formats: PDF (Searchable PDF available via the Xerox® Print and Scan Experience), TIFF, JPEG, PNG

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FAX

SYSTEM SPECIFICATION	XEROX® C255A COLOR MULTIFUNCTION PRINTER
Standard Features	MH/MR/MMR/JBIG/JPEG Compression, Auto Answer, Auto Redial, Auto Reduction, Broadcast Send, Junk Fax Filter, Fax Address Book, Fax Forward, which includes: Fax, Email, FTP, Network Folder, Called Number

PRINT DETAILS

SYSTEM SPECIFICATION	XEROX® C255A COLOR MULTIFUNCTION PRINTER
First-print-out Time – (B&W) (As Fast As:)	10.5 seconds
First-print-out Time – Color (As Fast As:)	10.7 seconds
Warm-up from Off/Hibernate	80 seconds
Resolution	4800 Color Quality (2400x600 dpi)
Page Description Languages	PostScript® 3 Emulation, PCL®6 Emulation, PCL®5 Emulation, PCL®m, and PDF
Unprintable Page Margin	Print: 4.2 mm from each edge; Copy: 3 mm from each edge
Print from USB	File Formats: Microsoft® Office Formats (Word, Excel, PPT), PDF, Image Formats (JPEG, TIFF, GIF, BMP, PNG, PCX). Options available to configure prints from USB: Paper source, print blank pages, collate, two-sided printing, pages per side orientation, separator sheets, pages per side, pages per side ordering.
Print Driver Types/Operating Systems	Windows® 11, Windows® 10, Windows® Server 2025, Windows® Server 2022, Windows® Server 2019, Windows® Server 2016, macOS 26, macOS 15, macOS 14, Microsoft Universal Print with Print Support Application. For the latest information about supported Operating Systems, please visit our Drivers & Downloads page and specify your device at www.support.xerox.com .
Network Protocols	TCP/IP: HTTP/HTTPS, IPP, LPR/LDP, Raw Socket Printing/Port 9100, IPv4/IPv6, MS Web Services WSD-Print, 802.1x, Simple Network Management Protocol (SNMP), ThinPrint, Microsoft Universal Print, Bonjour
Font Capability	PCL6 94 Scalable Fonts, 2 Bitmapped PS Emulation, 163 Scalable Fonts

*Driver support only available via Lexmark Universal Print Drivers

COPY DETAILS

SYSTEM SPECIFICATION	XEROX® C255A COLOR MULTIFUNCTION PRINTER
First-copy-out Time – B&W (As Fast As:)	10.4 seconds
First-copy-out Time – Color (As Fast As:)	10.7 seconds
Simplex Speed (Up To:)	26/25 ppm Letter/A4 (Color and B&W)
Duplex Speed (Up To:)	13/13 ipm Letter/A4 (Color and B&W)
Sides (Input/Output)	1:1, 1:2, 2:1, 2:2
Quantity	1-9,999
Concurrency	Yes (Copy while printing)
Copy Features	Copy From Size; Copy To Size; Scale 25% to 400%; Darkness/Lightness; Sides 1:1, 1:2, 2:1, 2:2; Collate; Content Type – Text, Text/Photo, Photo, Graphics; Create Shortcut; Color; Paper Setup; Advanced Imaging, Auto Centre, Background Removal, Contrast, Scan Edge to Edge, Saturation, Color Balance, Edge Erase; Header/Footer; Margin Shift; Overlay; Pages Per Side - 2 Pages Per Side, 4 Pages Per Side; Separator Sheets (Between Pages, Between Copies, Between Jobs); Separator Sheet Source

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Fax Speed	33.6 Kbps
Memory	18 MB
Resolution (dpi)	B&W standard 200x100 send, 200x100, 204x98 receive; B&W fine 200x200 send, 200x200, 204x196 receive; B&W superfine 300x300 send, 300x300, 204x391 receive; B&W ultrafine 600x600 send, 600x600, 400x400, 408x391 receive; Color fine: 200x200 send, 200x200 receive; Color superfine 300x300 send, 300x300, 400x400 receive
Fax Features	Auto Answer, Auto Redial, Auto Reduction, Broadcast Send, Junk Fax Filter, Fax Address Book
Fax Forward Destinations	Fax, Email, FTP, Network Folder, Called Number

SCAN DETAILS

SYSTEM SPECIFICATION	XEROX® C255A COLOR MULTIFUNCTION PRINTER
Technology	Color Flatbed Scanner with ADF, Contact Image Sensor (CIS)
Capability	ADF, up to 50 sheets of 20 lb bond/75 gsm; Color/ B&W
Concurrency	No (Scan while printing)
Input Speed – Color (Up To:)	21/20 ppm Letter/A4
Input Speed – B&W (Up To:)	48/46 ppm Letter/A4
Resolution (Up To:)	600x600 dpi
Resolution (dpi)	75x75, 150x150, 200x200, 300x300, 400x400, 600x600
Maximum Scan Area - Automatic Document Feeder (ADF)	8.5x14 in
Maximum Scan Area (ADF)	216x356mm
Maximum Scan Area (Platen)	8.5x11.7 in
Maximum Scan Area (Platen)	216x297 mm
Media Weight (ADF)	60–90 gsm
Network Filing Protocol	FTP, Secure File Transfer Protocol (SFTP), Server Message Block (SMB), USB, Windows Network Folder
File Formats	TIFF, JPEG, PDF (OCR available through the Xerox® Print and Scan Experience App for Windows)
Scan Driver Compatibility	TWAIN, WIA, ICA
Scan File Compression Options	PDF: 1 bit – CCIT G4, ZLIB (Flate) 8/24 bit – JPEG, ZLIB (Flate) TIFF: 1 bit – CCITT G4, Packbits 8/24 bit – JPEG, Packbits JPG: 8/24 bit – JPEG
Supported Scan Destinations	Email, Front-side USB Drive, FTP, LDSS, Network or USB-connected Computer, Windows Network Folder

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DEVICE MANAGEMENT

SYSTEM SPECIFICATION	XEROX® C255A COLOR MULTIFUNCTION PRINTER
Device Management	Xerox® Easy Assist App, Remote Operator Panel, Xerox® Embedded Web Server
Xerox® CentreWare® Web Software	Yes

SECURITY

SYSTEM SPECIFICATION	XEROX® C255A COLOR MULTIFUNCTION PRINTER
Security Protocols/Features	Hardware-Enabled Post-Quantum Cryptography, Digitally Signed Firmware Updates, WPA3, TLS 1.3, OpenSSL cryptographic module validated to FIPS 140-3, Certificate Management, Secure Password Reset, TCP Connection Filtering, Port Filtering, Access Controls, Confidential Print, Non-Volatile Memory Wipe, Fax/Network Separation, Protected USB Ports, Auto-insertion of Sender's Email Address, Login Restrictions, Audit Log, Syslog
WI-FI SECURITY	
Authentication and Encryption Methods	802.11 b/g/n/ac, Infrastructure (BSS) Mode, WEP Encryption (64 and 128-bit keys), WPA2/WPA Personal AES PSK, WPA2-Personal, WPA3-Personal, WPA2/WPA3-Personal, 802.1x: EAP-MD5, EAP-MSCHAPv2, EAP-TLS, EAP-TTLS (CHAPS/MSCHAPv2/PAP), LEAP, PEAP

PAPER HANDLING

SYSTEM SPECIFICATION	XEROX® C255A COLOR MULTIFUNCTION PRINTER
AUTOMATIC DOCUMENT FEEDER (ADF)	
Capacity ³	50 sheets of 20 lb bond/75 gsm
Minimum Media Size	4.13x5.83 in
Minimum Media Size	105x148 mm
Maximum Media Size	8.5x14 in
Maximum Media Size	216x356 mm
Minimum to Maximum Media Weights	60–90 gsm
PLATEN	
Maximum Media Size	8.5x11.7 in
Maximum Media Size	216x297 mm
MANUAL FEED SLOT	
Standard/Optional	Standard
Capacity	1 sheet
Minimum Media Size	3.7x5.83 in
Minimum Media Size	94x148 mm
Maximum Media Size	8.5x14 in
Maximum Media Size	216x356 mm
Minimum to Maximum Media Weights	60–200 gsm (simplex)/60–105 gsm (duplex)
Media Types Supported	Light Paper, Plain Paper, Heavy Paper, Cardstock, Envelopes, Labels, Recycled, Glossy, Heavy Glossy, Bond, Rough Envelope, Letterhead, Preprinted, Colored Paper, Rough/Cotton, Custom Type

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MAIN TRAY	
Capacity ³	250 sheets of 20 lb bond/75 gsm
Minimum Media Size	3.7x5.83 in
Minimum Media Size	94x148 mm
Maximum Media Size	8.5x14 in
Maximum Media Size	216x356 mm
Minimum to Maximum Media Weight	60-162 gsm (simplex)/60-105 gsm (duplex)
Media Types Supported	Light Paper, Plain Paper, Heavy Paper, Cardstock, Envelopes, Labels, Recycled, Glossy, Heavy Glossy, Bond, Rough Envelope, Letterhead, Preprinted, Colored Paper, Rough/Cotton, Custom Type
OUTPUT CAPACITY	
Output Capacity	100

DEVICE SPECIFICATION	
SYSTEM SPECIFICATION	XEROX® C255A COLOR MULTIFUNCTION PRINTER
ELECTRICAL REQUIREMENTS	
North America	Voltage: 110–127 VAC +/-10% Current: 10A. Frequency: 57-63Hz
Europe	Voltage: 220–240 VAC +/-10% Current: 5A. Frequency: 47-53 Hz
POWER CONSUMPTION	
Printing (Average)	Simplex: 386 W; Duplex: 245 W
Typical Electricity Consumption (kWh)	0.29
Ready Mode	15.1 W
Sleep Mode	0.8W
OPERATING ENVIRONMENT AND ACOUSTICS	
Required Temperature Range	50 to 90°F/10 to 32.2°C
Required Relative Humidity (RH)	15 to 80% RH
Sound Power Levels Operating	6.6 Bels(A) or less
Standby	3.1 Bels(A) or less
Sound Pressure Levels Operating	51 dB(A)
Standby	14 dB(A)

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DIMENSIONS AND WEIGHTS

SYSTEM SPECIFICATION	XEROX® C255A COLOR MULTIFUNCTION PRINTER
C255a (Engines Unpackaged)	Width: 16.2 in/411 mm Depth: 15.7 in/400 mm Height: 13.6 in/345 mm Weight: 43.0 lb/19.5 kg
Adjustable Printer Stand (Unpackaged)	Width: 23.5 in/597 mm Depth: 23.5 in/597 mm Height: 23.0 in/584 mm Weight: 40.6 lb/18.4 kg
Swivel Cabinet (Unpackaged)	Width: 18.7 in/476 mm Depth: 23.6 in/600 mm Height: 10.3 in/262 mm Weight: 44.1 lb/20.0 kg
C255a (Engines Packaged)	Width: 20.3 in/515 mm Depth: 22.1 in/560 mm Height: 17.7 in/450 mm Weight: 52.8 lb/24 kg
Adjustable Printer Stand (Packaged)	Width: 25.8 in/655 mm Depth: 25.8 in/655 mm Height: 25.6 in/650 mm Weight: 50.3 lb/22.8 kg
Swivel Cabinet (Packaged)	Width: 27.6 in/700 mm Depth: 22.4 in/570 mm Height: 13.2 in/335 mm Weight: 53.6 lb/24.3 kg

INSTALLATION CONSIDERATIONS

SYSTEM SPECIFICATION	XEROX® C255A COLOR MULTIFUNCTION PRINTER
Ventilation clearance requirements. The table below shows the area needed on each side for correct installation.	
Top	12 in/30.5 cm
Rear	4 in/10.2 cm
Left	3 in/7.2 cm
Right	3 in/7.2 cm
Front	3 in/7.2 cm

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SYSTEM CERTIFICATION/REGULATORY COMPLIANCE

SYSTEM SPECIFICATION	XEROX® C255A COLOR MULTIFUNCTION PRINTER
Certifications	To view the latest list of certifications, go to xerox.com/OfficeCertifications .

WHAT'S IN THE BOX

SYSTEM SPECIFICATION	XEROX® C255A COLOR MULTIFUNCTION PRINTER
All items contained in the box	Xerox® C255a Color MFP Power Cord Installation Guide Product Safety Sheet One of Each Print Cartridge (Cyan, Magenta, Yellow): 500 Print Capacity ⁴ ; Black Cartridge: 750 Print Capacity ⁴

SUPPLIES AND ACCESSORIES

SYSTEM SPECIFICATION	PART NUMBER
Genuine Xerox Black Standard Capacity Toner Cartridge, 1,300 Pages ⁴	006R05055
Genuine Xerox Cyan Standard Capacity Toner Cartridge, 1,200 Pages ⁴	006R05056
Genuine Xerox Magenta Standard Capacity Toner Cartridge, 1,200 Pages ⁴	006R05057
Genuine Xerox Yellow Standard Capacity Toner Cartridge, 1,200 Pages ⁴	006R05058
Genuine Xerox Black High Capacity Toner Cartridge, 3,000 Pages ⁴	006R05075
Genuine Xerox Cyan High Capacity Toner Cartridge, 2,500 Pages ⁴	006R05076
Genuine Xerox Magenta High Capacity Toner Cartridge, 2,500 Pages ⁴	006R05077
Genuine Xerox Yellow High Capacity Toner Cartridge, 2,500 Pages ⁴	006R05078
Genuine Xerox Waste Toner Bottle, 15,000 Pages ⁵	008R08165

OPTIONAL ACCESSORIES

SYSTEM SPECIFICATION	PART NUMBER
Swivel Cabinet	097S05316
Adjustable Printer Stand	097S05315

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¹ Declared print speed in accordance with ISO/IEC 24734.

² Maximum volume capacity expected in any one month. Not expected to be sustained on a regular basis.

³ Paper capacities are based on 20 lb/75 gsm stock; capacities will vary with different weight stocks.

⁴ Average standard pages. Declared yield in accordance with ISO/IEC 19798. Yield will vary based on image, area coverage, and job run length.

⁵ Waste Toner Bottle yield will vary depending on the image, area coverage, and job run length.

For more information,
visit us at www.xerox.com/en-us/office.

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