

# LD435c/445c

DIGITAL MFP



*A new standard in color multifunction performance*

*These user-friendly, workgroup digital multifunction systems deliver outstanding quality color and monochrome results without sacrificing productivity, manageability, or the budget*



*your document management partner*

# High productivity for color and monochrome workflows

The Lanier LD435c/LD445c digital multifunction products (MFPs) provide the fast performance, all-in-one capabilities, high-quality output, and worry-free operation you expect in demanding mid-volume workgroup environments. Both systems feature color and monochrome copying, network printing, and scanning, plus optional analog and network faxing and a choice of three professional document finishers. They are ideal for organizations that want to integrate color and black-and-white workflows from multiple devices or outsourced jobs into a single, cost-effective, and manageable footprint.

## **Outstanding multifunction performance**

The LD435c delivers up to 35 pages per minute for full-color or black-and-white documents, while the LD445c produces up to 45 black-and-white pages or 40 full-color pages per minute. As a result, output speed stays virtually the same no matter what kind of document you are printing or copying. These systems also feature warm-up times and first-copy times that are closer to their monochrome MFP counterparts, so you can introduce color without worrying about productivity. To enhance productivity further, the two MFPs hold up to 3,100 sheets with all trays and options. They also allow you to print on heavy paper stocks, including covers and posters, with up to 140 lb. index in the bypass and 120 lb. index in the trays.

## **Attractive, full-color documents**

The LD435c/LD445c systems deliver impressive color with 600 x 600 dpi resolution for all your documents. The color engine can also print color images with resolution up to an equivalent of 2,400 x 600 dpi. A specially formulated PxP® chemical toner delivers brilliant, vivid color for all your reports, presentations, training documents, and proposals.

## **Powerful scanning capabilities**

These MFPs offer high-speed scanning up to 63 pages per minute for monochrome documents and up to 58 pages per minute for color documents with the optional file format converter. The maximum scanning resolution is 1,200 dpi. Scan-to-email,



*Choose the LD435c/  
LD445c systems for  
all-in-one color and  
monochrome copying,  
network printing,  
and scanning.*



*The Simplified Display feature on the large, full-color LCD makes job programming even easier.*



thumbnail view, you can zoom in for more detail. Both MFPs come standard with high-compression PDF capabilities, so you can send large documents via email and reduce network traffic. Plus, the secure PDF feature allows you to encrypt documents and use permissions to control printing and editing of scanned files.

### ***Easy operation for any user***

The LD435c/LD445c systems are designed to promote easy operation for first-time users and experienced professionals. Both MFPs feature one of the largest color LCD touch screens in the industry, which enhances readability and productivity. The Simplified Display feature uses larger fonts and hides all but the most common selections to make job setup faster. Simple step-by-step animated guides help you replace toner or resolve device alerts. As an option, the control panel and document feeder can be detached and located on a separate surface for greater accessibility. These systems also feature paper trays that accommodate an overhand or underhand grip. Plus, both MFPs use a shorter paper path that reduces the risk of misfeeds and makes it easier to clear them if they occur.

## ***Fast, flexible functionality***

*The LD435c/LD445c digital MFPs can handle any color or black-and-white document with outstanding speed and efficiency.*

scan-to-FTP, and scan-to-folder come standard, so you can easily distribute scanned files anywhere they need to go. Scan-to-email also features enhanced LDAP support, so you can select recipients from a list of names (not addresses) and pull email addresses from a corporate directory in a few easy steps. You can also preview scanned documents prior to email transmission. The document server offers thumbnail views, so you can quickly recognize the documents you need to print instead of browsing a list of file names. On any

### ***About Lanier***

Lanier Worldwide, Inc. is a wholly owned subsidiary of Ricoh Corporation, the Americas sales and marketing unit of Ricoh Company, Ltd., a \$17.1 billion global manufacturer of digital copier/printers. Lanier helps its customers succeed by understanding their unique document management needs and delivering systems and services that increase efficiency, reduce cost, and improve document workflow. Award-winning solutions include digital multifunction products (color and monochrome), printers (color and monochrome), multifunction facsimile, scanners, digital duplicators, and wide format systems, as well as facilities management and outsourcing services.



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## SPECIFICATIONS

### GENERAL FEATURES

<b>Resolution</b>	Copy: 600 dpi Print: 600 dpi (up to 2,400 x 600 dpi equivalent)
<b>Warm-up Time</b>	LD435c: < 45 sec.; LD445c: < 60 sec.
<b>First Copy Time</b>	LD435c: 8.0 sec. (color), 4.9 sec. (monochrome) LD445c: 6.5 sec. (color), 3.9 sec. (monochrome)
<b>Copy/Print Speed</b>	LD435c: 35 ppm (color and monochrome) LD445c: 40 ppm (color), 45 ppm (monochrome)
<b>Document Feeder</b>	Automatic Reversing Document Feeder (ARDF) Paper size: 5.5" x 8.5" to 11" x 17" Paper weight (simplex): 11 – 34 lb. bond Paper weight (duplex): 14 – 34 lb. bond Stack capacity: 100 sheets
<b>Multiple Copies</b>	Up to 999
<b>Input Capacity</b>	2 x 500-sheet trays, 1 x 100-sheet bypass, 2 x 500-sheet paper bank (optional), 1 x 2,000-sheet LCT (optional) Maximum: 3,100 sheets (with optional LCT)
<b>Output Capacity</b>	Standard: 500 sheets Maximum: 3,625 sheets (with 3,000-sheet finisher, one-bin tray and bridge unit)
<b>Paper Weights</b>	Standard tray, paper bank, LCT: 16 lb. bond – 120 lb. index Bypass tray: 16 lb. bond – 140 lb. index Duplex unit: 16 lb. bond – 90 lb. index
<b>Reproduction Ratios</b>	5 enlargements and 7 reductions: 400%, 200%, 155%, 129%, 121%, 100%, 93%, 85%, 78%, 73%, 65%, 50%, 25%
<b>Zoom</b>	25% – 400% in 1% increments
<b>Auto Duplex</b>	Standard
<b>Hard Disk Drive</b>	80GB
<b>RAM</b>	1GB
<b>Dimensions (WxDxH)</b>	26.4" x 26.7" x 29.9"; 26.4" x 26.7" x 40.2" (with optional paper bank)
<b>Weight</b>	< 286.6 lbs.
<b>Power Requirements</b>	120V, 60Hz
<b>Power Consumption</b>	1,440W (full configuration)
<b>Security Specifications</b>	Windows or LDAP Authentication, Address Book Encryption, Authentication Password Protection, Print Data via IPP (SSL), Network Protocol On/Off, IP Filtering, DataOverwriteSecurity System (DOSS) (optional), Copy Data Security Unit (optional)
<b>Utilities</b>	Web Image Monitor, Web SmartDeviceMonitor, SmartDeviceMonitor, DeskTopBinder, @Remote

### PRINTER CONTROLLER SPECIFICATIONS

<b>CPU</b>	835MHz
<b>RAM</b>	1,024MB (shared)
<b>Drivers</b>	Standard: PCL5c, PCL6, RPCS Optional: Adobe PostScript 3
<b>Interfaces</b>	Standard: 10/100 Base-TX Ethernet (RJ45), USB 2.0; Optional: Wireless LAN (IEEE 802.11b, WPA support), IEEE 1284/ECP, IEEE 1394, Bluetooth, USB Host I/F (PictBridge)
<b>Network/OS</b>	Windows 95/98SE/Me/NT 4.0/2000/XP/ Server 2003; Netware 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6, 6.5; Unix; Sun Solaris; HP-UX; SCO OpenServer; Red Hat Linux; IBM AIX; Mac OS 8.6 – 9.2x, OS X 10.1 or later; SAP R/3, NDPS Gateway; IBM iSeries/AS/400-using OS/400 Host Print Transform

### SCANNER SPECIFICATIONS

<b>Resolution</b>	100 – 600 dpi/256 gradations; 1,200 dpi for TWAIN, monochrome only; Default: 200 dpi
<b>Speed</b>	Monochrome: 63 ppm; Color: 38 ppm, 58 ppm (with optional file format converter) Rated speeds are for letter-size documents at 200 dpi
<b>Scan-to Modes</b>	Scan-to-Email (SMTP, POP3), Scan-to-Folder (SMB, FTP, NCP), Network TWAIN
<b>Special Features</b>	PDF Encryption, Preview Before Transmission, Color Drop Out Send, High Compression PDF

### ENHANCED FEATURES

<b>Color Modes</b>	Black-and-White (default), Auto Color Selection (ACS), Full Color
<b>Copy Modes</b>	Auto Text and Photo Separation (default), Photo, Text, Map, Pale, Generation
<b>Copy Modes (Photo)</b>	Printed, Glossy, Copied
<b>Special Features</b>	Book Copy, Series Copy, Combine Copy, Shift/ Erase/Margin Adjustment, Cover Sheet, Chapter, Slip Sheet, Image Rotation, Electronic Sort, Electronic Stack, Editing, Stamp, Numbering, Image/Color Adjustment, Auto Tray Switch

### FAX SPECIFICATIONS (OPTIONAL)

<b>Modem Speed</b>	33.6Kbps
<b>Transmission Speed</b>	Approx. 2 sec.
<b>Scan Speed</b>	0.56 sec.
<b>Auto Dials</b>	2,000 quick dials, 100 group dials (500 numbers each)
<b>Memory Capacity</b>	4MB (approx. 320 pages); max. 28MB (2,240 pages)
<b>Additional Modes</b>	Internet Fax T.37, LAN Fax, IP Fax T.38, Receive Over VolP, Paperless/Serverless Fax, Fax Forward to Folder, Email Notification, LDAP Support, Direct SMTP

### 2,000-SHEET BOOKLET FINISHER

<b>Paper Size</b>	5.5" x 8.5" to 11" x 17", 12" x 18"
<b>Paper Weight</b>	Proof tray: 14 lb. bond – 90 lb. index Shift tray: 14 lb. bond – 140 lb. index
<b>Stack Capacity</b>	Proof tray: 250 sheets (8.5" x 11" or smaller), 50 sheets (8.5" x 14" or larger) Shift tray: 2,000 sheets (8.5" x 11"), 1,000 sheets (8.5" x 14" or larger)
<b>Staple Capacity</b>	Normal: 50 sheets (8.5" x 11" or smaller), 30 sheets (8.5" x 14" or larger) Saddle stitch: 15 sheets (20 lb. bond)
<b>Staple Paper Size</b>	Normal: 8.5" x 11" to 11" x 17", 12" x 18" Saddle stitch: 8.5" x 11" to 11" x 17", 12" x 18"
<b>Staple Positions</b>	1 staple/3 positions, 2 staples/2 positions
<b>Stapler Capacity</b>	5,000 per cartridge (2,000 per cartridge saddle stitch)
<b>Punch Unit</b>	Optional

### 3,000-SHEET FINISHER

<b>Paper Size</b>	5.5" x 8.5" to 11" x 17", 12" x 18"
<b>Paper Weight</b>	Proof tray: 14 lb. bond – 90 lb. index Shift tray: 14 lb. bond – 140 lb. index
<b>Stack Capacity</b>	Proof tray: 250 sheets (8.5" x 11" or smaller), 50 sheets (8.5" x 14" or larger) Shift tray: 3,000 sheets (8.5" x 11"), 1,500 sheets (8.5" x 14" or larger)
<b>Staple Capacity</b>	50 sheets (8.5" x 11" or smaller, 20 lb. bond) 30 sheets (8.5" x 14" or larger, 20 lb. bond)
<b>Staple Positions</b>	1 staple/3 positions, 2 staples/1 position
<b>Punch Unit</b>	Optional

### 1,000-SHEET FINISHER

<b>Paper Size</b>	5.5" x 8.5" to 11" x 17", 12" x 18"
<b>Paper Weight</b>	Proof tray: 14 lb. bond – 140 lb. index Shift tray: 17 lb. bond – 90 lb. index
<b>Stack Capacity</b>	1,000 sheets (8.5" x 11" or smaller), 500 sheets (8.5" x 14" or larger)
<b>Staple Capacity</b>	50 sheets (8.5" x 11", 20 lb. bond) 30 sheets (8.5" x 14" or larger, 20 lb. bond)
<b>Staple Positions</b>	1 staple/2 positions, 2 staples/1 position

For best results, we recommend that you use only Lanier consumables and supplies. Due to our policy of continued improvement, Lanier reserves the right to alter specifications of this product without prior notice.

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### Lanier, a world of difference

The Lanier philosophy is embodied in Customer Vision®: a commitment we make every day. It means seeing the business through your eyes, responding to your needs, and exceeding your expectations.



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