LANIER

SP C830DN/ SP C831DN

Color Laser Printer

- ☐ Copier
- ☑ Printer
- ☐ Facsimile
- □ Scanner



Produce high-quality color with ease

The LANIER® SP C830DN and SP C831DN are the easy choices for fast, productive, full-color printing. These versatile systems offer incredible image quality and user-friendly customization to enhance efficiencies for light production environments. From the intuitive, full-color touch-screen control panel with standard USB and SD Card slots to advanced security features, flexible media handling capabilities and eco-friendly enhancements, these systems streamline color workflows and improve productivity. Your customers will notice the compelling, attention-grabbing graphics. You'll appreciate the impact on your bottom line. Choose one as your primary system and print everything for your office — or as an integral part of our Managed Document Services (MDS) strategy and help improve printing productivity throughout your organization.

- Print up to 45/55 prints per minute
- Simplify everyday tasks with the touch-screen control panel
- Protect document and data integrity
- Help minimize energy use
- Customize the system to accommodate unique workflows



Power, versatility and convenience in a sleek, compact design

Enhance full-color workflows

Manage demanding workloads

Print with incredible speed and efficiency and get started quickly with short warm-up times and fast print speeds. Create an abundance of presentations, reports, brochures, booklets and more at up to 55 pages-per-minute. With a powerful 600 MHz or 1GHz processor, the Lanier SP C830DN and SP C831DN can handle incoming data streams with ease to accommodate higher-volume workloads. Plus, these systems come standard with 512 MB RAM and can be upgraded to 1.5 GB RAM for convenient storage of multiple projects.



Produce high-quality graphics

Deliver graphics-quality output on paper sizes up to 11" \times 17" and keep more jobs in-house. With robust 4-bit color technology, the Lanier SP C830DN and SP C831DN print with impressive 9,600 \times 600 dpi equivalent resolution for exceptional image clarity. The proprietary, oil-free polyester polymerization (PxP) toner delivers smooth gradations for crisper lines and sharper color reproductions. Edit images through the powerful drivers and take advantage of advanced color simulation.



Operate with ease

Perform tasks at your convenience with customized controls. The 4.3" color touch-screen control panel provides intuitive menu navigation and one-touch access to job and system status and frequently used job lists. Step-by-step, animated guidance and easy-to-see icons ensure easy operation. Users can even preview jobs before printing for optimal accuracy.



Handle more media more ways

Build a system configuration to accommodate the unique needs of your print environment. From 3.55" x 5.83" postcards and envelopes to saddle-stitched 11" x 17" booklets, the SP C830DN and SP C831DN offer a variety of paper supply options to meet your specific workflow requirements. The systems come standard with two 550-Sheet paper trays and a 100-Sheet Bypass Tray. Optional Paper Feed Units add an additional 1,100 sheets or an optional 1,200-Sheet Side Large Capacity Tray and 2,000-Sheet Large Capacity Tray extend maximum paper supply to 4,400 sheets for higher volume environments.



Fast, reliable color output for high-volume print environments

Secure more accountability

Help protect the integrity of documents and data with robust, easy-to-use security features. For example, user authentication requires users to swipe an ID card or submit a password at the control panel to access user-assigned tasks and documents. The 250 GB Hard Disk Drive (HDD optional for the SP C830DN) protects latent images stored at the printer with Data Encryption and DataOverwriteSecurity System (DOSS). With the HDD, a Locked Print feature stores documents with sensitive information until they are released by authorized users at the device. Administrators can also set print quotas to limit user volumes, set print rules and curb unnecessary printing.



Finish professional documents in-house

Ensure your printed materials make more of an impact. The systems feature multiple finishing options to stack, staple and hole-punch documents as well as create saddle-stitched booklets in-house. These printers may be configured with a user-assignable 4-Bin Mailbox and/ or one of two finishers capable of stapling, hole punching, and saddle stitch booklet production. The 3,000-Sheet Finisher is ideal for high-volume environments that require long, unattended print runs and the ability to staple in portrait or landscape orientation. The 2,000-Sheet Booklet Finisher saddle-stitches and folds output sets so booklets are ready for immediate distribution.



Maximize energy efficiency

The Lanier SP C830DN and SP C831DN offer a wide range of ecofriendly features to improve typical energy consumption (TEC). ECO Night Sensor gives you a choice for how you want to conserve energy when the office is empty. Choose whether the printer turns off automatically, or enters Sleep mode, after the lights are off for a preset time period. Advanced fusing technology requires less electricity to warm up for faster first print and recovery times. The Eco-Friendly Indicator on the control panel displays each user's print history and its simulated impact on the environment to encourage more responsible printing.



Manage image quality, productivity and costs effectively

Print from more locations

Print when and where it's most convenient. The Lanier SP C830DN and SP C831DN feature a USB/SD card slot right on the control panel, so users can print files from portable media with ease. Users can also print using their smartphones and tablets for easy, on-the-go performance. With one simple application download, users gain access to a host of mobile printing functions that streamline workflow even more.



Reduce total cost of ownership

Discover incredible value with a versatile printer that handles everyday black-and-white documents and high-end color graphics with minimal cost-per-page and maintenance costs. The Lanier SP C830DN and SP C831DN are completely user-serviceable to maximize uptime. Individual toner bottles and the high-yield OPC drum unit can be replaced in seconds. Plus, Economy Color Mode reduces the amount of toner automatically — without compromising text quality — for fast color drafts at minimal cost.



Connect with efficiency

The Lanier SP C830DN and SP C831DN offer seamless network connectivity with Standard USB 2.0 and 10/100 Base-TX Ethernet interfaces for peer-to-peer and shared use environments. Dual USB 2.0 host interfaces allow for direct connection to third party external devices, including a magnetic card reader for user authentication and to print from PictBridge-enabled cameras. Plus, the systems include optional Gigabit, Wireless LAN and parallel interfaces to meet your unique network requirements.







- **4-Bin Mailbox (Optional):** Keep documents separate from multiple users with the 4-Bin Mailbox.
- 2 Output Jogger Unit (Optional): Available with the 3,000-Sheet Finisher, the Output Jogger Unit offsets finished documents for easy retrieval or transfer to off-line finishing equipment like GBC or spiral binders.
- 2,000-Sheet Booklet Finisher (Optional): Produce full-color booklets cost-effectively with the in-line Booklet Finisher. Also available with an optional Hole Punch Unit.
- **3,000-Sheet Finisher (Optional):** Take advantage of high-volume, professional-quality, multi-position stapling with the 3,000-Sheet Finisher. Add the optional Hole Punch Unit for even more flexibility.
- Full-Color Touch-Screen LCD Control Panel with Built-in USB/SD Slot: Navigate from job to job easily via the intuitive angled customizable control panel featuring an integrated USB/SD Card slot for mobile printing using a PictBridge-enabled camera or memory card.
- 6 ECO Night Sensor: Saves energy by automatically turning the printer off or placing it in Sleep mode after the room goes dark.
- Automatic Duplexing (Standard): Produce two-sided documents on sturdy media such as flyers, menus, pamphlets, brochures, and newsletters at virtually no loss in productivity.
- PxP Toner Technology: Provides more vivid colors and smooth gradations for improved text, fine lines, graphics and photographic reproductions.
- 9 250 GB Hard Disk Drive: Secure documents with DataOverwriteSecurity System (DOSS), data encryption, Locked Print and more. Standard for the SP C831DN. Optional for the SP C830DN.
- Media Flexibility: Produce high quality full-color and monochrome output ranging in paper size and weight from postcards and envelopes to saddle-stitched 11"x 17" booklets (up to 82 lb. Bond/170 lb. Index through the Bypass Tray) all from a single device.
- **Easy Maintenance:** Maximize productivity with supplies that are easy for any user to replace.
- Paper Trays (Standard): Load up to 1,200 sheets with two standard 550-Sheet Paper Trays and a 100-Sheet Bypass Tray.
- Paper Feed Units (Optional): Add an optional 550-Sheet
 Paper Feed Unit for a maximum paper capacity of 1,750 sheets
 (requires Caster Table, not shown) or two optional 550-Sheet
 Paper Feed Units for a maximum paper capacity of 2,300 sheets.
- Large Capacity Trays (Optional): Maximize total paper capacity with the 1,200-Sheet Side Large Capacity Tray and/ or the 2,000-Sheet Large Capacity Tray.
- **Broad Compatibility:** Quickly integrate these systems with built-in compatibility for PC and Macintosh environments.

Specifications

Configuration Desktop Color Laser Beam Printer Technology

Laser-beam scanning & electrophotographic printing with dual component toner development, 4-drum tandem method 4.3" color touch screen with integrated USB Operation Panel SP C831DN: 55-ppm B&W and full-color Printing Speed Warm-Up Time SP C830DN: 29 seconds or less

SP C831DN: 25 seconds or less SP C830DN: Black & White: 3.7 seconds or less; Full Color: 5.7 seconds or less SP C831DN: Black & White: 3.4 seconds or First Print Speed

less; Full Color: 5.1 seconds or less Near 100% productivity for all paper sizes 300 x 300-dpi (1-bit), 600 x 600-dpi (2-bit) Duplex Print Speed Print Resolution (Default), 600 x 600-dpi (1-bit, 4-bit), 1200 x

1200 dpi (1-bit) 550 x 2 Paper Tray + 100-Sheet Bypass Tray Standard Paper Supply Maximum Paper Supply

1,200 sheets total capacity)
4,400 sheets (Standard Trays 1 & 2 + 2,000-Sheet LCT + 1,200-Sheet Side LCT + 100-Sheet Side LCT + 100-Sheet Syde Sheet Output Capacity

Paper Sizes

Standard: 500 sheets, face down (8.5" x 11" or smaller); 250 sheets, face down (8.5" x 14" or larger), Maximum: Up to 4,000 sheets with Finisher, Bridge Unit and 4-Bin Mailbox Standard Tray 1: Fixed for Letter (8.5" x 11") (216 x 279mm), A4, A5
Standard Tray 2 and Optional Paper Feed Units: User adjustable for Letter (8.5" x 11"), Legal (8.5" x 14"), Exec (10.5" x 7.25"), Ledger (11" x 17"), A3, A4, A5; Custom Sizes: 5.83" x 7.17" - 11.69" x 17" (148 x 182mm - 297 x 432mm)
Finvelones: Cam10. C5

182mm – 297 x 432mm)
Envelopes: Com10, C5
Bypass Tray: User adjustable for 5.5" x 8.5"
– 11" x 17" (140 x 216mm – 279 x 432mm);
Custom Sizes: 3.55" x 5.83" – 12" x 49.6"
(90 x 148mm – 305 x 1260mm)
Envelopes: Com10, Monarch, C5, C6, DL
Optional 2,000-Sheet LCT: Fixed for Letter (8.5" x
11") (216 x 279mm), A4
When Duplexing: 3.55" x 5.83" – 11.69" x 17"
(90 x 148mm x 279 x 432mm)
Standard Tray S. Optional Paper Feed Units.

Standard Trays, Optional Paper Feed Units, and Optional 2,000-Sheet LCT: 14 – 68 lb. Bond/ 140 lb. Index (52 – 256 g/m²) Paper Weights

Bypass Tray: 14 - 82 lb. Bond/170 lb. Index

(52 – 300 g/m²) Optional 1,200-Sheet Side LCT: 16 – 58 lb.

Duplex Unit: 14 – 45 lb. Bond/90 lb. Index (52 – 169 g/m²)
Duplex Unit: 14 – 45 lb. Bond/90 lb. Index (52 – 169 g/m²)
All Sources: Plain Paper, Recycled Paper,

Color Paper, Letterhead, Special Paper 1-3, Card Stock, Bond Paper, Preprinted Paper Envelopes: Com10 and C5 envelopes can be fed using Standard Tray 2, Bypass Tray and

Optional Paper Feed Units
Bypass Only: Labels, OHP, Coated Paper
Envelopes: Com10, Monarch, C5, C6, DL

Automatic Duplex Standard Dimensions (WxDxH) Base Model: 26.4" x 26.9" x 25.2" (670 x 684

x 640 mm) Base Model: Less than 213 lb. (97 kg) Weight Power Requirements 120 - 127V, 60Hz

1.1 W (Sleep Mode) SP C830DN – 2.033 kWH/week SP C831DN – 2.638 kWH//week Power Consumption Operating 1,584 W or less; Sleep: 1.2 W or less

Print Controller Specifications (Standard)

SP C830DN: Intel Celeron-M 600MHz SP C831DN: Intel Celeron-M 1GHz Standard 512 MB RAM/Maximum 1.5 GB CPU Memory RAM

SP C830DN: Optional 250 GB Hard Disk Drive SP C831DN: Standard 250 GB
(both models include standard Hard Disk Drive

Encryption Unit and DataOverwriteSecurity System)
Standard: PCL 5c, PCL 6, Adobe®
PostScript®3", PDF Direct Print, Direct Media
Print (JPEG/TIFF)

Optional: PictBridge, Genuine IPDS Host Print, XPS (via download), Universal Driver (via

download) Standard: PCL: 45 + 13 International,

Fonts

Standard: PCL: 45 + 13 International, PostScript(3/PDF: 136 Optional: IPDS: 108 10/100Base-TX Ethernet, High Speed USB 2.0 Type B, Dual USB 2.0 Host Type A, USB 2.0 Type A/SD Card Stot Integrated into Control Panel (for Print From Portable Media) Standard Interfaces

Gigabit Ethernet (1000Base-T) Type D, IEEE 802.11a/g Wireless LAN Type L, IEEE 1284/ ECP Parallel Interface Type A Ontional Interfaces*

Standard: TCP/IP (IPv6)

Network Protocols Optional: IPX/SPX Windows XP, Vista, 7, Server 2003/R2, Server Operating Systems

2008/R2: Citrix Presentation Server 4.5. Citrix XenApp 5.0+; Mac OS X v10.4 – 10.7; SAP R/3; Novell NettWare Server 6.5 (option is required), UNIX (Using Lanier UNIX filter): Sun Solaris 2.6/7/8/9/10, HP-UX 10.x/11.x/11i v2/11i v3, SCO OpenServer 5.0.6/5.0.7/6.0, RedHat Linux Enterprise 4/5/6, IBM AIX 5L

version 5.3/6.1/7.1

SmartDeviceMonitor for Admin and Client: SmartDeviceMonitor for Admin Accounting Report Package; Web SmartDeviceMonitor;

Web Image Monitor: Remote Communication Gate Type S; @Remote

Controller and Memory Options

IEEE 1284 Interface Board Type A IEEE 802.11a/g Wireless LAN Type L Gigabit Ethernet Board Type D Camera Direct Print Card Type J VM Card Type U IPDS Unit Type C830

Software Utilities

512 MB Memory Unit Type J 1 GB Memory Unit Type O 250 GB Hard Disk Drive Type C830 (SP C830DN only)

Document Server Specifications*

Total HDD Capacity Max. Stored Documents 250 GB (shared with other functions) 3,000 files

Max. Pages/Document 1,000 page
Max. Stored Page Capacity Approx. 9,000 pages total *Standard for SP C831DN; Optional for SP C830DN

Hardware Accessories

550 x 1 Paper Feed Unit (PB3120) Paper Capacity 550 sheets

7.25" x 10.5" – 11" x 17", A3, A4, A5 Envelopes: Com10, C5 14 – 68 lb. Bond/140 lb. Index (52 – 256 g/m²) Paper Sizes

Paper Weights

550 x 2 Paper Feed Unit (PB3130) Paper Capacity

1,100 sheets 7.25" x 10.5" – 11" x 17", A3, A4, A5 Envelopes: Com10, C5 14 – 68 lb. Bond/140 lb. Index (52 – 256 g/m²) Paper Sizes

Paper Weights 2,000-Sheet Large Capacity Tray (LCT) (PB3140)

Paper Capacity Paper Sizes

2,000 sheets (1,000 x 2) 8.5" x 11", A4 14 – 68 lb. Bond/140 lb. Index (52 – 256 g/m²) Paper Weights

1,200-Sheet Side Large Capacity Tray (LCT) (RT3020)* 1,200 sheets Paper Capacity

Paper Sizes 8.5" x 11", A4 16 – 58 lb. Bond/120 lb. Index (60 – 216 g/m²) Paper Weights

*Requires configuration with 550 x 2 Paper Feed Unit (PB3130) or 2,000-Sheet Large Capacity Tray (PB3140).

Large Cabinet Stand (FAC 52)
The Large Cabinet Stand (FAC 52) must be selected when the printer main unit is to be configured with a Finisher, but not a paper supply option.

Caster Table Type D

The Caster Table Type D is recommended when the main unit is configured with the 550×1 Paper Feed Unit (PB3120).

3.000-Sheet Finisher (SR3120)*

20)*
Shift Sort, Stack, Staple, Optional Hole Punch Proof Tray: 5.5" x 8.5" – 11" x 17", A5 – A3 Shift Tray: 5.5" x 8.5" – 11" x 17", A5 – A3 Proof Tray: 14 – 28 lb. Bond (52 – 105 g/m') Shift Tray: 14 – 68 lb. Bond/140 lb. Index Modes Paper Sizes Paper Weights

Stack Capacity

Snitt Tray: 14 - 0 8 Ib. Bond/ 140 Ib. Index (52 - 256 g/m)
Proof Tray: 250 sheets (8.5" x 14" or smaller), 50 sheets (8.5" x 14" or larger)
Shift Tray: 3,000 sheets (8.5" x 14"), 1,500 sheets (8.5" x 14" or larger), 500 sheets (5.5" x 8.5")
50 sheets (8.5" x 11" or smaller), 30 sheets (4.5" x 14" or larger; 30 sheets (Mixed Sizes: 4.5" x 14" x 14" or larger; 30 sheets (Mixed Sizes: 4.5" x 14" or larger; 30 sheets (Mixed Sizes: 4.5" x 14" x 14" or larger; 30 sheets (Mixed Sizes: 4.5" x 14" x 14" or larger; 30 sheets (Mixed Sizes: 4.5" x 14" x 14" or larger; 30 sheets (Mixed Sizes: 4.5" x 14" x

Staple Capacity 8.5" x 11" or larger; 30 sheets (Mixed Sizes: Letter and Ledger) 8.5" x 11" – 11" x 17", A4 – A3 17 – 24 lb. Bond (64 – 90 g/m²)

Staple Paper Sizes Staple Paper Weights Staple Positions

1 staple/3 positions 2 staples/1 position 25.9" x 24.1" x 37.8" (657 x 613 x 960 mm) Dimensions (WxDxH) 119 lb. (54 kg) Weight

Staple Cartridge Capacity 5,000 staples/cartridge

*Requires configuration with Bridge Unit (BU3060) and 550 x 2 Paper Feed Unit (PB3130), 2,000-Sheet Large Capacity Tray (PB3140), or Large Cabinet Stand

2,000-Sheet Booklet Finisher (SR3110)*

Shift Sort, Stack, Staple, Saddle Stitch, Optional Hole Punch

Paper Sizes

A4 - A3

A4 – A3 Proof Tray: 14 – 43 lb. Bond / 90 lb. Index (52 – 163 g/m²) Shift Tray: 14 – 68 lb. Bond / 140 lb. Index Paper Weights

Stack Capacity

Shift Tray: 14 – 88 lb. Bond / 140 lb. Index (52 – 256 g/m)
Booklet Tray: 17 – 24 lb. Bond (64 – 90 g/m')
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" or smaller), 1000 sheets (8.5" x 14" or larger), 500 sheets (5.5" x 8.5")
Booklet Tray: 30 sets (2 – 5 sheets/set, all sizes, saddle-stitch); 15 sets (6 – 10 sheets/set, all sizes, saddle-stitch); 10 sets (11 – 15 sheets/set, all sizes, saddle-stitch); 10 sets (11 – 15 sheets/set, all sizes. sheets/set, all sizes, saddle-stitch)

Normal Staple: 50 sheets (8.5" x 11" or smaller), 30 sheets (8.5" x 14" or larger and/ or Mixed Sizes)
Saddle Stitch: 15 sheets (up to 60 pages) Staple Capacity

Staple Paper Sizes Normal Staple: 8.5" x 11" – 11" x 17" Saddle Stitch: 8.5" x 11", 8.5" x 14", 11" x 17",

A5 – A3 17 – 24 lb. Bond (64 – 90 g/m²) 1 staple/3 positions (Top, Top Slant, Bottom); 2 staples/2 center positions Staple Paper Weights Staple Positions Normal Staple: 5,000 staples/cartridge Staple Cartridge

Capacity
Dimensions (WxDxH) Saddle Stitch: 2,000 staples/cartridge 25.9" x 24.1" x 37.8" (657 x 613 x 960 mm) 103.6 lb. (47 kg) Weight

*Requires configuration with Bridge Unit (BU3060) and 550 x 2 Paper Feed Unit (PB3130), 2,000-Sheet Large Capacity Tray (PB3140), or Large Cabinet Stand (FAC 52)

4-Bin Mailbox Type CS3000

The 4-Bin Mailbox Type CS3000 can be installed by itself or simultaneously with either Finisher; with or without paper supply options.

Number of Bins 4 bins

125 sheets x Trays = 500 sheets Capacity Per Bin 123 site65 x itays = 305 site65 5.5 x 8.5" = 11" x 17", A3, A4, A5, A6 16 - 34 lb. Bond (60 - 128 g/m²) 17.3" x 18.7" x 14.8" (440 x 475 x 375 mm) Paper Size Paper Weight

Dimensions (WxDxH) Weight 17.6 lb. (8 kg)

Punch Unit Type PU3030

The Hole Punch Unit Type PU3030 is optional for both Finishers; installs inside the Finisher.

2 holes: 5.5" x 8.5" - 11" x 17", A5 - A3 3 holes: 8.5" x 11", 11" x 17", A4 - A3 Punch Paper Sizes Punch Paper Weight 14 – 43 lb. Bond / 90 lb. Index (52 – 163 g/m²)

Bridge Unit (BU3060)

The Bridge Unit (BU3060) is a required accessory when the main unit is to be configured with either Finisher. The Bridge Unit transports pages from the printer's standard exit area into a Finisher for online stapling, punching, and/or folding.

250 sheets (8.5" x 11" or smaller), 125 sheets (8.5" x 14" or larger) Sheet Capacity

Output Jogger Unit Type 9002A
The Output Jogger Unit Type 9002A is optional for the 3,000-Sheet Finisher only. It taps sheets in the Shift Tray into aligned sets for stacking or off-line binding.
Paper Size
Paper Weight

5.5" x 8.5" - 11" x 17", A5 - A3 14 - 68 lb. Bond / 140 lb. Index (52 - 256 g/m²) Up to 20 mm 4.25" x 17.8" x 5.1" (108 x 452 x 130 mm) Shift Capacity Dimensions (WxDxH)

Weight 4.4 lb. (2 kg)

Supplies

Consumables Yield* Print Cartridge Black (Type SP C830DNA)
Print Cartridge Yellow (Type SP C830DNA)
Print Cartridge Magenta (Type SP C830DNA) 23,500* 27,000* Print Cartridge Magenta (Type SP C830DN/ Print Cartridge Cyan (Type SP C830DNA) Black Drum Unit (Type SP C830DN) Color Drum Unit (Type SP C830DN) (Includes Cyan, Magenta & Yellow units) Transfer Unit (Type SP C830DNA) Fusing Unit (Type SP C830DNA) Waste Toner Bottle (Type SP C830DNA) Staple Type K for SR312D (Finisher Staple Type K Refill for SR3120/SR3110 Staple Type S for SR3110 (Saddle Stitch) (Uses Type K refill) 27.000* 27 000* 60,000 60,000 x 3 200.000 160,000 40.000 5.000/carton 15,000/carton 5,000/carton

(Uses Type K refill) *Declared vield values in accordance with ISO/IEC 19798.

For maximum performance and yield, we recommend using genuine Lanier parts and supplies

The Lanier SP C830DN and SP C831DN is under warranty against defects for a period of one year from the date of purchase. Consumables are under warranty for a period of 90 days from the date of purchase or until depleted, which ever comes first. Please refer to warranty documents shipped with the product for more details.



Printer Languages

Paper Types









