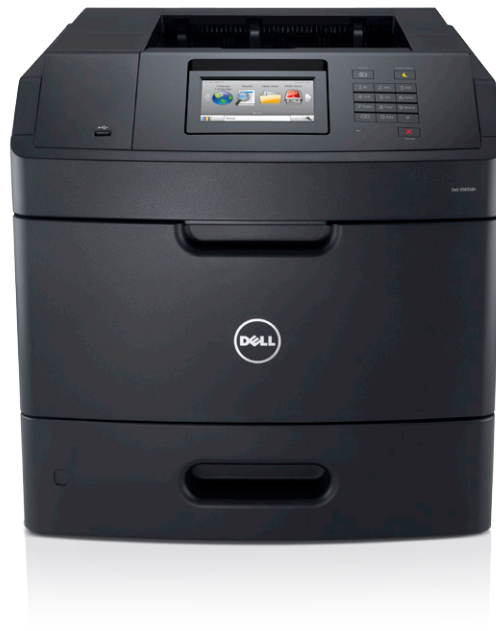




Dell Smart Printer - S5830dn



Robust printing. Scalable for any size job.

Equip your business with a fast, reliable mono laser printer created for efficient productivity and low operating cost.

- **Speed through tasks:** Cut waiting time with an outstanding First Page Out Time (FPOT) as fast as 4.4 seconds. Complete large print jobs fast, with exceptional print speeds of up to 63 ppm (letter).
- **Reliable performance:** Get uninterrupted performance with robust, state of the art paper handling mechanism for virtually jam free printing.
- **Scalable for greater efficiency:** Print on a variety of media types, sizes and weights without hassle. Improve efficiency with a range of paper-handling and finishing accessories to automatically collate, presort and staple print jobs.
- **Intuitive user interface and low operating costs:** Navigate and control printer settings with ease with the large 4.3" color LCD touchscreen and save on cost per page printing and intervention with the Extra High Yield toner cartridges.

For more information,
visit Dell.com/printers

Designed to meet the needs of today's demanding business environment

Stay efficient when working on small or large print jobs with an outstanding First Page Out Time (FPOT) as fast as 4.4 seconds¹ and exceptional speeds up to 60 pages per minute¹ (ppm).

Get uninterrupted performance with robust, state-of-the-art paper handling mechanism for virtually jam-free printing.

Configure the printer to suit your organization's needs by adding paper handling accessories, such as paper trays, staple finisher and output stacker – so you can get more done with less effort.

Access up-to-date documents and forms in Microsoft SharePoint On-Premise folders directly from the printer for efficient printing and sharing.²

Printing made simple

Print directly from a USB device using the convenient front USB port without a PC. Preview the pages of your documents on the 4.3" color LCD and select only the pages you need – right at the printer.



Minimize downtime with self-help onscreen graphics that provide clear and simple step-by-step instructions for trouble shooting and recovery.

Exceptional savings

Get the lowest cost per page printing with the Extra High Yield low melt toner cartridges. With a high page yield of up to 45,500 pages³, you'll minimize costs and intervention as you won't have to replace them as often.



Accessories for the S5830dn are designed to fit the printing needs of your organization.

Handle a variety of media types and sizes, such as envelopes and odd sizes, without the need to purchase additional accessories.

Eco-conscious design

Save paper with automatic 2-sided printing and printing on recycled, renewable content and chlorine-free paper.

The S5830dn meets the latest regulatory and environmental standards, including ENERGY STAR[®] qualification⁴, Restriction of Hazardous Substances (RoHS) compliance⁵ and EPEAT Silver registration in the US⁶.

Comprehensive services

Contact technical support for any printing issues via phone or online during your standard 1-year Limited Hardware Warranty⁷, and enjoy 1-year Next Business Day On-Site Service⁸ after Remote Diagnosis⁹.

Stay covered longer when you choose optional 2- to 5-years of additional Limited Hardware Warranty⁷. Dedicated support 24/7 is available with optional Dell ProSupport^{™10} service options, including specialized technical support and expert on-site diagnosis.

For added assurance and peace of mind, the Limited Hardware Warranty includes a fuser and maintenance kit in the standard and extended Limited Hardware Warranty period.

[Learn more at Dell.com/printers](http://Dell.com/printers)

Dell Smart Printer - S5830dn

Printer specifications	Printer type	Single-function mono printer
	Print speed¹ (600 x 600 dpi)	Simplex: Up to 63 ppm (letter) Duplex: Up to 38 ppm (letter)
	First page out time	From Ready State: As fast as 4.4 seconds (mono/simplex) From Deep Sleep: As fast as 10.6 seconds
	Print resolution	Default: 600 x 600 dpi High resolution: 1200 x 1200 dpi
	Operation panel	4.3" Color Touch Screen
	Print language	
	Printer driver language	PCL XL/5 , PostScript™ Level 3 Emulation, XPS
	Printer data stream	PCL 5e/6 Emulation, Personal Printer Data Stream (PPDS), PostScript Level 3 Emulation, Direct Image, Microsoft XPS, PDF 1.7 emulation
	Fonts	8.11H01 (Full Font Load), 2 PCL Bitmapped, 89 PCL Scalable, 91 Postscript Scalable, 5 PPDS Bitmapped, 39 PPDS Scalable, Code39/OCR-A/OCR-B fonts
	Processor speed	800 MHz Dual Core
Memory, standard	512MB RAM (upgradeable to 2560MB max)	
Mobile printing support¹¹	Dell Document Hub app (Android and iOS), AirPrint™ ¹¹ , Google Cloud Print™ 2.0, Mopria™	
Usage rate	Duty cycle	Up to 300,000 pages per month ¹²
	Recommended monthly print volume	5,000 - 50,000 pages
Paper handling	Input sources	Standard: 550-sheet standard tray Multipurpose Tray: 100 sheets Maximum: 4,400 sheets (via high-capacity tray and three additional 550-sheet trays) Available options: <ul style="list-style-type: none"> • 550-sheet tray • 550-sheet lockable Tray • 2,100-sheet high-capacity tray with caster base • Spacer
		Standard: 550 sheets Maximum: 2,050 sheets Available options: <ul style="list-style-type: none"> • Hi-capacity output (1,500 sheets) • Mailbox (4 x 100 sheets) -- up to 3 • Stapler (500 sheets) • Stapler/Hole Punch
	Output destinations	Standard: 550 sheets Maximum: 2,050 sheets Available options: <ul style="list-style-type: none"> • Hi-capacity output (1,500 sheets) • Mailbox (4 x 100 sheets) -- up to 3 • Stapler (500 sheets) • Stapler/Hole Punch
	Standard tray	
	Types and weights supported	Card stock; Envelope; Labels; Plain Paper; Transparency; Bond; Letterhead; Preprinted; Colored Paper; Custom; Light Paper; Heavy Paper; Rough/Cotton; Recycled; Rough Envelope.
	Sizes	A4 (8.27 x 11.7"); A5 (5.83 x 8.27"); A6 (4.1 x 5.83"); Executive (7.3 x 10.5"); Folio (8.5 x 13"); JIS B5 (7.2 x 10.1"); Legal (8.5 x 14"); Letter (8.5 x 11"); Oficio (Mexico) (8.5 x 13.4"); Statement (5.5 x 8.5"); Universal (4.13 x 5.83" up to 8.5 x 14"); B5 Envelope (6.9 x 9.8"); C5 Envelope (6.4 x 9"); DL Envelope (4.3 x 8.7"); 7 3/4 Envelope (3.9 x 7.5"); 9 Envelope (3.9 x 8.9"); 10 Envelope (4.1 x 9.5"); Other Envelope (3.9 x 6.4" to 6.9 x 9.8"); Universal (2.8 x 5" up to 8.5 x 14") (only supported in standard output bin and high-capacity output option)
	Multipurpose tray	
	Types and weights supported	Card stock; Envelope; Labels; Plain Paper; Transparency; Bond; Letterhead; Preprinted; Colored Paper; Custom; Light Paper; Heavy Paper; Rough/Cotton; Recycled; Rough Envelope
	Sizes	A4 (8.27 x 11.7"); A5 (5.83 x 8.27"); A6 (4.1 3x 5.83"); Executive (7.3 x 10.5"); Folio (8.5 x 13"); JIS B5 (7.2 x 10.1"); Legal (8.5 x 14"); Letter (8.5 x 11"); Oficio (Mexico) (8.5 x 13.4"); Statement (5.5 x 8.5"); Universal (4.1 x 5.8" up to 8.5 x 14"); B5 Envelope (6.9 x 9.8"); C5 Envelope (6.4 x 9"); DL Envelope (4.3 x 8.7"); 7 3/4 Envelope (Monarch) (3.9 x 7.5"); 9 Envelope (3.9 x 8.9"); 10 Envelope (4.1 x 9.5"); Other Envelope (3.9 x 6.4" to 6.9 x 9.8"); Universal (2.8 x 5" up to 8.5 x 14") (only supported in standard output bin and Hi-Cap Output Option)
	Duplexer	Automatic
Types & weights supported	Card stock; Labels; Plain Paper; Bond; Letterhead; Preprinted; Colored Paper; Custom; Light Paper; Heavy Paper; Rough/Cotton; Recycled	
Sizes	A4 (8.27 x 11.7"); Executive (7.3 x 10.5"); Folio (8.5 x 13"); JIS B5 (7.2 x 10.1"); Legal (8.5 x 14"); Letter (8.5 x 11"); Oficio (Mexico) (8.5 x 13.4"); Statement (5.5 x 8.5"); Universal (4.13 x 5.83" up to 8.5 x 14")	
Page layout options	Portrait or Landscape orientation, Multiple copies, Multi-page printing (N-up, maximum of 16), Duplex printing, Poster, Booklet printing, Watermarks, Collate, Reverse Page Order, Rotation 180°, Mirror	
Printable area	within 0.165" (4.23mm) from all edges of the media	

Connectivity	Interfaces	Gigabit Ethernet 10/100/1000; Standard USB-B (Hi Speed) Device Port; 1 Front (Hi Speed) USB Host Port; 2 Internal Solutions ports (1 available, 1 dedicated to optional HD); ISP Options (Parallel, RS-232, Fiber, and Wireless)
	Wireless	WPA (Encryption, Personal, Enterprise); WPA2 (Personal, Enterprise); 802.11 b/g/n; Ad-Hoc (IBSS) Mode; Infrastructure (BSS) Mode; 802.1x
Operating systems	Windows	Microsoft® Windows® 10 32 bit/64 bit Microsoft® Windows® 8.1 (with latest update) 32 bit/64 bit Microsoft® Windows® 7 Service Pack 1 32 bit/64 bit Windows Vista® Service Pack 2 32 bit/64 bit Windows Server 2012; Windows Server 2012 R2 w/ latest update Windows Server 2008 R2 Service Pack 1; Windows Server 2008 Service Pack 2
	Macintosh	Apple Mac OS®: 10.6 ~ 10.11
	Others	Linux Operating Systems Supported: Red Hat Enterprise Linux WS 7, 6; openSUSE Linux Tumbleweed, 13.2; SUSE Linux Enterprise Server 12, 11; Debian GNU/Linux 8.0, 7.0; Ubuntu Snapshot, 14.04 LTS; Fedora 22, 21 Citrix Mainframe: Windows Server 2012 R2 and Server 2012 running Terminal Services without Citrix; with Citrix XenApp 7.5 Windows Server 2008 R2 x64 running Terminal Services without Citrix; with Citrix XenApp 6.0, Citrix XenApp 6.5, Citrix XenApp 7.5 Windows Server 2008 x64 running Terminal Services without Citrix; with Citrix XenApp 5.0 Windows Server 2003 x64 running Terminal Services without Citrix; with Citrix MetaFrame Presentation Server 4.0 x64 and 4.5 x64, Citrix XenApp 5.0 Novell Operating Systems Supported: Novell NetWare 6.5 Open Enterprise Server Novell Open Enterprise Server on SUSE Linux Enterprise Server in the following configurations: NOES 2 (SP3) on SLES 10 SP4 (x86 and x64); NOES 11 (SP1) on SLES 11 SP2 (x86 and x64); NOES 11 (SP2) on SLES 11 SP3 (x86 and x64) Support is provided for the current version of the Windows iPrint clients for Windows XP, Vista (32- and 64-bit), Windows 7 (32- and 64-bit), and Windows 8.1 UNIX Operating Systems Supported: IBM AIX 7.1, 6.1; Oracle Solaris SPARC 11, 10; Oracle Solaris x86 11, 10, 9
Physical specifications	Printer dimensions (W x D x H)	16.7" x 20.1" x 16.7" (425mm x 510mm x 419mm)
	Printer weight	52.3 lbs (23.7 kg) (with consumables)
	Shipping dimensions (W x D x H)	24.2" x 21.1" x 22.2" (615mm x 537mm x 563mm)
	Shipping weight	60.8 lb (27.6 kg)
	Paper Tray Option Specifications	Capacity: 550 sheet tray Dimension: 16.5" x 20.1" x 5.1" (420mm x 510mm x 130mm) Stackable combinations: Multiple
	Additional Trays specification	Capacity: 2,100 sheet tray Dimension: 16.5" x 20.1" x 15.3" (420mm x 510mm x 388mm)
	Operating environment	Temperature: 60°F to 90°F (10°C to 32°C); Relative Humidity: 8% to 80% RH, non-condensing; Altitude: ≤ 2896m (9,500 feet)
Storage (packaged)	Temperature: 50°F to 110°F (-40°C to 43.3°C); Relative Humidity: 8% to 80% RH, non-condensing; Altitude: ≤ 10,300 m	
Acoustics Sound Pressure (LpAm) / Power (LwAd) ¹³	Printing: 57 dBA / 7.3B(A) (LwAd) Standby/Ready Mode: 34 dBA / 5.1 B(A)	
Power specifications	Voltage	100 to 127 vac: 47Hz to 63Hz nominal
	Power consumption	Printing mode: 800W (Simplex) / 580W (Duplex) Ready mode: 60W (Ready 1) / 30W (Ready 2) Power Saver mode (Sleep): <3W Power Saver mode (Deep Sleep): 0.6W Off: 0.1W
	Typical Electricity Consumption (TEC)	120V: Normal mode (default): 3.9 kWh/week (sleep timer setting set to 15 min) Eco mode energy: 3.15 kWh/week (sleep timer setting set to 1 min)
Consumables	Ship-with toner capacity³	Up to 10,000 pages
	Toner capacity³	Standard Toner: Up to 6,000 pages High Capacity: Up to 25,000 Extra High Capacity: 45,000 pages

Network Protocols	Transport	IPv4; IPv6; TCP; UDP; IPSEC w/IPv4; IPSEC w/IPv6; ARP
	Print	LPR/LPD; Direct IP (Port 9100); HTTP; Enhanced IP (Port 9400); FTP, TFTP; IPP 2.0
	Management & Device Discovery	HTTP; HTTPS; SNMPv3; WINS; IGMP; APIPA (AutoIP); DHCP; ICMP; DNS; SNMPv2c; Bonjour; DDNS; mDNS; ARP; NTP
Security	Print job management	Secure Print with 4 Digit Pin
	Network transport & authentication	Yes
	Data encryption	SNMPv3
	Access control management	Yes
	Physical security	Kensington lock for printer, hard drive disk, memory, key lock for optional secondary input tray
Product certifications	<p>Environmental compliance: EC 1275/2008 (Standby Off Mode Limits - ErP Lot 6), ErP Lot 4 (Voluntary), VPAT, RoHS-compliant⁵ (technical packet, audit testing), ENERGY STAR v2.0⁴, Blue Angel (Germany), WEEE, EPEAT Silver⁶, REACH SVHC, ErP Lot 26 Tier 2 (CE Mark), Mexico Energy Label, GS Mark</p> <p>Safety & EMC: EN 60950-1/IEC 60950-1; EN 55022 (Class B); EN55024; EN61000-3-2 (Class A); EN 61000-3-3; CE Mark (EU); UL 60950-1 / CAN/CSA-C22.2 No. 60950-1-07; ICES-003 (Canada); US CFR Title 47, FCC Part 2 and 15, Subpart B; FDA/DHHS (21CFR, Chapter 1, Subchapter J; RCM (Australia); Singapore Mark; SABS/ICASA (South Africa); NOM NYCE (Mexico); GS Mark (Germany); and other certifications required by individual country.</p> <p>Security Certificate: FIPS 140-2 Level 1 (Kernel Cryptographic Module) #2444; FIPS 201-2 – CaC Card Reader Certificate of Networthiness (US Army); Security Technical Implementation Guide (STIG) Traceability; Department of Defense Unified Capability APL Certification</p> <p>Others: WHQL, SAP, USB-IF, Citrix</p>	
Supported languages	English, French, German, Italian, Spanish, Danish, Norwegian, Dutch, Swedish	
Printer management	Dell Printer Configuration Web Tool, Dell Open Print Driver (OPD), Dell Open Manage Printer Manager (OMPM), Dell Document Hub Application	
Contents in box	Dell Smart Printer - S5830dn, Software and Documentation CD, Ship-With Cartridge (10,000 page yield ³), Power Cord, Set-up Guide	

Available consumables



Use & Return Replacement Toner

- Black Toner cartridge: 6,000 page yield³
- High Yield Black Toner cartridge: 25,000 page yield³
- Extra High Yield Black Toner cartridge: 45,000 page yield³

Non-Return Replacement Toner

- High Yield Black Toner cartridge: 45,000 page yield³

Imaging Drum

- Black: 100,000 pages³



550-Page Tray (available with or without lock)

Add up to **three** optional 550-sheet input paper trays and a 2,100-sheet high-capacity feeder to allow a maximum input paper capacity of 4,400-sheets



Optional 1,500-sheet output stacker
Upgrade the output capacity to a maximum of 2,050 sheets by adding the 1500-sheet stacker.



Optional 4-bin mailbox
Automatically sort and stack print-outs into 4 slots.



Stapler finisher
Staples documents automatically, up to 50-sheets thick.



— 100-Sheet Multi-purpose Tray

— 550-Sheet Standard Tray

— Optional 550-Sheet Tray
(also available as a lockable tray)

— Optional 550-Sheet Tray
(also available as a lockable tray)

— Optional 550-Sheet Tray
(also available as a lockable tray)

— Optional 2,100-Sheet Paper Tray with Caster Base¹⁴

1. Actual print speed may vary with use. Measured in accordance with ISO/IEC 24734 methodology.
2. SharePoint on Premise support will be available beginning in Q3 2016.
3. Toner yield based on testing in accordance with ISO/IEC 19752. Yields vary with usage and environmental conditions.
4. For details on energy efficiency of ENERGY STAR® qualified products, refer to: www.energystar.gov.
5. Meets the requirements of the EU RoHS Directive 2011/65/EU on the Restriction of the use of certain Hazardous Substances (RoHS).
6. EPEAT registration varies by country. See www.epeat.net for registration status by country.
7. For copy of Ltd Hardware Warranty, write Dell USA LP, Attn: Warranties, One Dell Way, Round Rock, TX 78682 or see www.dell.com/warranty.
8. Replacement system or replacement part will be dispatched, if necessary, following phone-based troubleshooting, in advance of receipt of returned defective part or system. Replacements may be refurbished. Defective unit must be returned. Availability varies. Other conditions apply.
9. Remote Diagnosis is determination by online/phone technician of cause of issue; may involve customer access to inside of unit and multiple or extended sessions. If issue is covered by Limited Hardware Warranty and not resolved remotely, technician and/or part will be dispatched, usually within 1 business day following completion of Remote Diagnosis. Availability varies. Other conditions apply.
10. Availability and terms of Dell Services vary by region. For more information, visit Dell.com/servicecontracts/global.
11. The printer and the mobile device must be connected on the same network. AirPrint and Mopria does not work on WiFi Direct mode. AirPrint-enabled printers work with iPad, iPhone (3GS or later), and iPod touch (3rd generation or later) running iOS 4.2 or later.
12. Duty cycle is defined as the maximum number of imaged outputs a device could deliver in a month. This number can be used to compare potential workload capabilities of different Dell printers and multifunction printers.
13. Tested in accordance with ISO 7779 and reported in accordance with ISO 9296. Acoustics - Declared noise emission values of computer and business equipment.
14. Purchase of optional Caster base required when using optional 2,100-sheet bottom tray (optional Caster base and 2,100-sheet paper tray, sold separately).

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