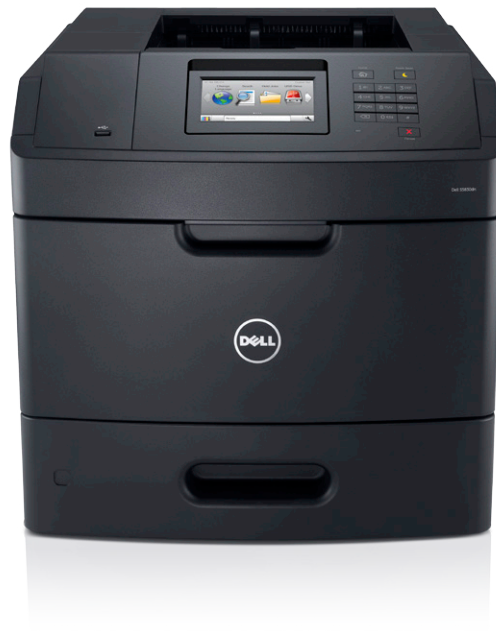




Dell Smart Printer - S5830dn



## 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](http://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 seconds<sup>1</sup> and exceptional speeds up to 63 pages per minute<sup>1</sup> (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.<sup>2</sup>

## Printing made simple

Print directly from a USB device using the convenient front USB port without a PC.



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 pages<sup>3</sup>, 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<sup>®</sup> qualification<sup>4</sup>, Restriction of Hazardous Substances (RoHS) compliance<sup>5</sup> and EPEAT Silver registration in the US<sup>6</sup>.

## Comprehensive services

Contact technical support for any printing issues via phone or online during your standard 1-year Limited Hardware Warranty<sup>7</sup>, and enjoy 1-year Next Business Day On-Site Service<sup>8</sup> after Remote Diagnosis<sup>9</sup>.

Stay covered longer when you choose optional 2- to 5-years of additional Limited Hardware Warranty<sup>7</sup>. Dedicated support 24/7 is available with optional Dell ProSupport<sup>™10</sup> 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

<b>Printer specifications</b>	<b>Printer type</b>	Single-function mono printer
	<b>Print speed<sup>1</sup></b> (600 x 600 dpi)	Simplex: Up to 63 ppm (letter) Duplex: Up to 38 ppm (letter)
	<b>First page out time</b>	From Ready State: As fast as 4.4 seconds (mono/simplex) From Deep Sleep: As fast as 10.6 seconds
	<b>Print resolution</b>	Default: 600 x 600 dpi High resolution: 1200 x 1200 dpi
	<b>Operation panel</b>	4.3" Color Touch Screen
	<b>Print language</b>	
	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
	<b>Processor speed</b>	800 MHz Dual Core
<b>Memory, standard</b>	512MB RAM (upgradeable to 2560MB max)	
<b>Mobile printing support<sup>11</sup></b>	Dell Document Hub app (Android and iOS), AirPrint™ <sup>11</sup> , Google Cloud Print™ 2.0, Mopria™	
<b>Usage rate</b>	<b>Duty cycle</b>	Up to 300,000 pages per month <sup>12</sup>
	<b>Recommended monthly print volume</b>	5,000 - 50,000 pages
<b>Paper handling</b>	<b>Input sources</b>	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"> <li>• 550-sheet tray</li> <li>• 550-sheet lockable Tray</li> <li>• 2,100-sheet high-capacity tray with caster base</li> <li>• Spacer</li> </ul>
	<b>Output destinations</b>	Standard: 550 sheets Maximum: 2,050 sheets
		Available options: <ul style="list-style-type: none"> <li>• Hi-capacity output (1,500 sheets)</li> <li>• Mailbox (4 x 100 sheets) -- up to 3</li> <li>• Stapler (500 sheets)</li> <li>• Stapler/Hole Punch</li> </ul>
	<b>Standard tray</b>	
	Types and weights supported	Card stock; Envelope; Plain Paper; Transparency; Labels, Preprinted; Bond; Letterhead; 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)
	<b>Multipurpose tray</b>	
	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)
<b>Duplexer</b>	Automatic	
Types & weights supported	Card stock; Plain Paper; Bond; Letterhead; Labels, 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")	
<b>Page layout options</b>	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	
<b>Printable area</b>	within 0.165" (4.23mm) from all edges of the media	

<b>Connectivity</b>	<b>Interfaces</b>	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)
	<b>Wireless</b>	WPA (Encryption, Personal, Enterprise); WPA2 (Personal, Enterprise); 802.11 b/g/n; Ad-Hoc (IBSS) Mode; Infrastructure (BSS) Mode; 802.1x
<b>Operating systems</b>	<b>Windows</b>	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
	<b>Macintosh</b>	Apple Mac OS®: 10.6 ~ 10.11
	<b>Others</b>	<b>Linux Operating Systems Supported:</b> 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 <b>Citrix Mainframe:</b> 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 <b>Novell Operating Systems Supported:</b> 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 <b>UNIX Operating Systems Supported:</b> IBM AIX 7.1, 6.1; Oracle Solaris SPARC 11, 10; Oracle Solaris x86 11, 10, 9
<b>Physical specifications</b>	<b>Printer dimensions</b> (W x D x H)	16.7" x 20.1" x 16.7" (425mm x 510mm x 419mm)
	<b>Printer weight</b>	52.3 lbs (23.7 kg) (with consumables)
	<b>Shipping dimensions</b> (W x D x H)	24.2" x 21.1" x 22.2" (615mm x 537mm x 563mm)
	<b>Shipping weight</b>	60.8 lb (27.6 kg)
	<b>Paper Tray Option Specifications</b>	Capacity: 550 sheet tray Dimension: 16.5" x 20.1" x 5.1" (420mm x 510mm x 130mm) Stackable combinations: Multiple
	<b>Additional Trays specification</b>	Capacity: 2,100 sheet tray Dimension: 16.5" x 20.1" x 15.3" (420mm x 510mm x 388mm)
	<b>Operating environment</b>	Temperature: 60°F to 90°F (10°C to 32°C); Relative Humidity: 8% to 80% RH, non-condensing; Altitude: ≤ 2896m (9,500 feet)
<b>Storage (packaged)</b>	Temperature: 50°F to 110°F (-40°C to 43.3°C); Relative Humidity: 8% to 80% RH, non-condensing; Altitude: 34,000 ft (10,300m)	
<b>Acoustics</b> Sound Pressure (LpAm) / Power (LwAd) <sup>13</sup>	Printing: 57 dBA / 7.3B(A) (LwAd) Standby/Ready Mode: 34 dBA / 5.1 B(A)	
<b>Power specifications</b>	<b>Voltage</b>	100 to 127 vac: 47Hz to 63Hz nominal
	<b>Power consumption</b>	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
	<b>Typical Electricity Consumption (TEC)</b>	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)
<b>Consumables</b>	<b>Ship-with toner capacity<sup>3</sup></b>	Up to 10,000 pages
	<b>Toner capacity<sup>3</sup></b>	Standard Toner: Up to 6,000 pages High Capacity: Up to 25,000 Extra High Capacity: 45,000 pages

<b>Network Protocols</b>	<b>Transport</b>	IPv4; IPv6; TCP; UDP; IPSEC w/IPv4; IPSEC w/IPv6; ARP
	<b>Print</b>	LPR/LPD; Direct IP (Port 9100); HTTP; Enhanced IP (Port 9400); FTP, TFTP; IPP 2.0
	<b>Management &amp; Device Discovery</b>	HTTP; HTTPS; SNMPv3; WINS; IGMP; APIPA (AutoIP); DHCP; ICMP; DNS; SNMPv2c; Bonjour; DDNS; mDNS; ARP; NTP
<b>Security</b>	<b>Print job management</b>	Secure Print with 4 Digit Pin
	<b>Network transport &amp; authentication</b>	Yes
	<b>Data encryption</b>	SNMPv3
	<b>Access control management</b>	Yes
	<b>Physical security</b>	Kensington lock for printer, hard drive disk, memory, key lock for optional secondary input tray
<b>Product certifications</b>	<p><b>Environmental compliance:</b> EC 1275/2008 (Standby Off Mode Limits - ErP Lot 6), ErP Lot 4 (Voluntary), VPAT, RoHS-compliant<sup>5</sup> (technical packet, audit testing), ENERGY STAR v2.0<sup>4</sup>, Blue Angel (Germany), WEEE, EPEAT Silver<sup>6</sup>, REACH SVHC, ErP Lot 26 Tier 2 (CE Mark), Mexico Energy Label, GS Mark</p> <p><b>Safety &amp; EMC:</b> 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><b>Security Certificate:</b> 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><b>Others:</b> WHQL, SAP, USB-IF, Citrix</p>	
<b>Supported languages</b>	English, French, German, Italian, Spanish, Danish, Norwegian, Dutch, Swedish	
<b>Printer management</b>	Dell Printer Configuration Web Tool, Dell Open Print Driver (OPD), Dell Open Manage Printer Manager (OMPM), Dell Document Hub Application	
<b>Contents in box</b>	Dell Smart Printer - S5830dn, Software and Documentation CD, Ship-With Cartridge (10,000 page yield <sup>3</sup> ), Power Cord, Set-up Guide	

## Available consumables



### Use & Return Replacement Toner

- Black Toner cartridge: 6,000 page yield<sup>3</sup>
- High Yield Black Toner cartridge: 25,000 page yield<sup>3</sup>
- Extra High Yield Black Toner cartridge: 45,000 page yield<sup>3</sup>

### Non-Return Replacement Toner

- High Yield Black Toner cartridge: 45,000 page yield<sup>3</sup>

### Imaging Drum

- Black: 100,000 pages<sup>3</sup>



### 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 Base<sup>14</sup>

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](http://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](http://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](http://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](http://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).

©2016 Dell Corporation Limited. Dell and the Dell logo are registered trademarks or trademarks of Dell Inc. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Dell disclaims proprietary interest in the marks and names of others. Microsoft, Windows and Windows NT are registered trademarks or trademarks of Microsoft Corporation. Android and Google Cloud Print are registered trademarks of Google Inc. iPad, iPhone, iPod, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. AirPrint and the AirPrint logo are trademarks of Apple Inc. Product availability varies by country. Please contact your Dell representative for more information.

Specifications are subject to change without notice. Dell cannot be responsible for errors and omissions in typography or photography.

