



Dell Smart Printer - S2830dn



Reliable, hassle-free printing for small workgroups.

Increase workplace productivity with convenient features and reliable performance at a great value.

- **Reliable and dependable:** State-of-the-art printing technology helps prevent paper jams for uninterrupted performance.
- **Intuitively simple:** The intuitive user interface on the 2.4" color LCD screen and on-screen troubleshooting graphics make it easy to use.
- **Big possibilities:** Print small projects or large jobs affordably with high-yield toner cartridges, and optional trays allow you to print on a variety of paper types easily.

For more information,
visit Dell.com/printers

Dependable printing, ideal for small workgroups

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

Minimize downtime with quick troubleshooting, with instant help through convenient on-screen graphics and step-by-step walk-through.

Intuitively simple

Easily navigate and adjust menu settings using the intuitive 2.4-inch color LCD screen. A separate 10-key number pad is convenient to enter security codes.



Keep sensitive documents private using the "secure print" feature and simply release the document for printing by entering a valid user PIN on the numeric keypad.

Big possibilities, great value

Print on different media types effortlessly. Allocate specialty paper (e.g. prescription forms, labels, envelopes) into separate paper trays with options of up to two 250-sheet paper trays or one 550-sheet tray (sold separately).

Get outstanding value and work efficiently using an affordably priced printer with fast print speeds up to 40 ppm (letter) and a duty cycle of up to 100,000 pages per month.



Add up to two 250-sheet paper trays for more paper or different paper types.

Eco-conscious design

Use less paper with automatic two-sided printing. The S2830dn also supports printing on recycled, renewable content and chlorine-free paper.

Get cost-per-page savings when you use the optional high yield toner cartridge. It delivers up to 8,500 pages², so you don't have to replace them as often, reducing waste and environmental impact.

The S2830dn meets the latest regulatory and environmental standards, including ENERGY STAR[®] qualification³, Restriction of Hazardous Substances (RoHS) compliance⁴ and EPEAT Silver registration in the US⁵.

Comprehensive services

Contact technical support for any printing issues via phone or online during your standard 1-year Limited Hardware Warranty⁶, and enjoy 1-year Advanced Exchange^{7,9} or On-Site Service after Remote Diagnosis⁸.

Stay covered longer when you choose optional 2-5 years of additional Limited Hardware Warranty⁶.

Dedicated support 24/7 is available with optional Dell ProSupport^{TM9} 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)

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Printer specifications	Printer type	Single-function mono printer
	Print speed¹ (600 x 600 dpi)	Simplex: Up to 40 ppm (letter) Duplex: Up to 18 ppm (letter)
	First page out time	From Ready State: As fast as 6.5 seconds From Deep Sleep: As fast as 9 seconds
	Print resolution	Default: 600 x 600 dpi High resolution: 1200 x 1200 dpi
	Operation panel	2.4" Color LCD
	Print language	
	Printer driver language	PCL XL/5 , PostScript™ 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
	Processor speed	800 MHz Dual Core
	Memory, standard	256 MB RAM
Mobile printing support¹¹	Dell Document Hub app (Android and iOS), AirPrint™ ¹⁰ , Google Cloud Print™, Mopria™	
Usage rate	Duty cycle	Up to 100,000 pages per month ¹¹
	Recommended monthly print volume	750 - 7,200 pages
Paper handling	Input sources	Standard: 250-sheet standard tray Multi-purpose Tray: 100 sheets Maximum: 900 sheets (via additional optional 550-sheet tray)
		Available options: 550-sheet tray 250-sheet tray (up to 2 trays) ^ The optional 550-sheet tray cannot be used with the 250-sheet tray.
	Output destinations	150 sheet tray
	Standard tray	
	Types & weights supported	Plain Paper; Transparency; Bond; Letterhead; Colored Paper; Custom; Light Paper; Heavy Paper; Weight 16-24 lbs (60-90 g/m2)
	Sizes	Letter; Legal; Executive; Folio; A4; A5; A6; JIS B5; Statement; Universal 3 x 5 in. (76.2 x 127 mm) up to 8.5 x 14 in (216 x 356 mm)
	Multi-purpose tray	Automatic
	Types & weights supported	Card stock; Envelopes (smooth); Paper Labels; Plain Paper; Bond; Polyester labels; Letterhead; Colored Paper; Custom; Light Paper; Heavy Paper; Weight: 16–43 lb (60–163 g/m2)
	Sizes	Letter; Legal; Executive; Folio; A4; A5; A6; JIS B5; Statement; Universal 3 x 5 in. (76.2 x 127 mm) up to 8.5 x 14 in (216 x 356 mm); 10 Envelope; 7 3/4 Envelope (Monarch); 9 Envelope; DL Envelope; Other Envelope 3.9 x 6.4 in to 6.93 x 9.84 in (98.4 x 162mm to 176 x 250mm)
	Duplexer	Automatic
	Types & weights supported	Plain Paper; Transparency; Bond; Letterhead; Colored Paper; Custom; Light Paper; Heavy Paper; Weight: 16-24 lb (60-90 g/m2)
	Sizes	A4; Folio; Legal; Letter
	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 4mm from all edges of the media	
Connectivity	Interfaces	USB 2.0 (high speed) Client port, Gigabit Ethernet (10/100/1000); IEEE 1284 Centronics Bidirectional Parallel
	Wireless	Wireless 802.11x Option
Operating systems	Windows	Microsoft® Windows® 10 32 bit/64 bit; Windows 8.1 (with latest update) 32 bit/64 bit; Windows 8 32 bit/64 bit Windows 7 32 bit/64 bit; Windows Vista® Service Pack 2 32 bit/64 bit Windows Server 2012; Windows Server 2012 R2 with latest update Windows Server 2008 R2; Windows Server 2008 Windows Server 2003
	Macintosh	Apple Mac OS®: 10.6 ~ 10.11

Operating systems (continued)	Others	<p>Linux Operating Systems Supported: Red Hat Enterprise Linux WS 7, 6, 5, 4; openSUSE Linux 13.1, 12.3, 12.2, 12.1; SUSE Linux Enterprise Desktop 11, 10; SUSE Linux Enterprise Server 11, 10; Debian GNU/Linux 7.0, 6.0, 5.0; Ubuntu 14.04 LTS, 13.10, 12.04 LTS; Linpus Lite Desktop 2.1; Fedora 20, 19, 18; Linux Mint 17 LTS, 13 LTS; Linux Mint Debian; PCLinuxOS 2013.12; OpenSUSE Linux 13.2; SUSE Linux Enterprise Server 12; Ubuntu 15.10, 15.04</p> <p>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 Windows Server 2008 running Terminal Services without Citrix; with Citrix XenApp 5.0 Windows Server 2003 running Terminal Services without Citrix; with Citrix MetaFrame Presentation Server 3.0, 4.0, 4.5; with Citrix XenApp 5.0</p> <p>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</p> <p>UNIX Operating Systems Supported: IBM AIX 7.1, 6.1; Oracle Solaris SPARC 11, 10; Oracle Solaris x86 11, 10, 9</p>
Physical specifications	Printer dimensions <small>(W x D x H)</small>	15.7" x 15" x 10.3" (399mm x 382mm x 262.7mm)
	Printer weight	31.2 lbs / 14.2 kg (with consumables)
	Shipping dimensions <small>(W x D x H)</small>	18.6" x 17" x 15" (472mm x 432mm x 380mm)
	Shipping weight	35.35 lbs / 16 kg
	Paper Tray Option Specifications	Capacity: 250 sheets tray Dimension: 15.3" x 15" x 3" (389mm x 382mm x 77mm) Stackable combinations: 250 sheets tray x2
	Additional Trays specification	Capacity: 550 sheets tray Dimension: 15.3" x 15" x 4.3" (389mm x 382mm x 109mm)
	Operating environment	Temperature: 60 to 90°F (16 to 32°C); Relative Humidity: 8% to 80% RH, non-condensing; Altitude: ≤ 34,000 ft. (10,300 m)
	Storage (packaged)	Temperature: 50 to 110°F (-40°C to 43.3°C); Relative Humidity: 8% to 80% RH, non-condensing; Altitude: ≤ 9,500 ft. (2896 m)
	Acoustics <small>Sound Pressure (LpAm) / Power (LwAd)¹²</small>	Printing: 54 dBA Standby: 16 dBA
Power specifications	Voltage	120 vac: 47 to 63 Hz nominal
	Power consumption	Ready: 8W Printing Mode: 560W (Simplex) / 380W (Duplex) Power Saver mode: 5W (Sleep) / 0.5W (Deep Sleep) Off: 0W
	Typical Electricity Consumption (TEC)	115V / 60Hz: 1.8 kw/h per week
Consumables	Ship-with toner capacity²	Up to 3,000 pages
	Toner capacity²	Standard Toner: Up to 3,000 pages / High Capacity: Up to 8,500 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, Key lock for optional secondary input tray

Product certifications	Environmental compliance: RoHS-compliant ⁴ , WEEE, REACH, Energy Star Qualified ³ , Blue Angel Certified (Germany), EPEAT Silver ⁵ registered, ErP Lot 4, ErP Lot 6 and 26, GS Certified 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. Others: WHQL, SAP, USB-IF, Airprint, Mopria, Google Cloud Print 2.0
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 (OPMP), Dell Document Hub Application
Contents in box	Dell Smart Printer - S2830dn, Software and Documentation CD, Ship-With Cartridge (3,000 page yield ² UAR), Power Cord, Set-up Guide

Optional accessories and consumables



- Use & Return and Non-Return Replacement Toner
- Black Toner cartridge: 3,000 page yield²
 - High Yield Black Toner cartridge: 8,500 page yield²



- Imaging Drum
- 60,000 page yield²



- External Wireless Network Adapter
- Connect the printer to a wireless network (WPA 2.0 and 802.1X)



- Dell S2830 Series 250-Sheet Tray
- Add up to two 250-sheet trays for a total input capacity of 850-sheets



- Dell S2830 Series 550-Sheet Tray
- Add one 550-sheet tray (with or without lock) for a total input paper capacity of 900-sheets

1. Actual print speed may vary with use. Measured in accordance with ISO/IEC 24734 methodology.
2. Toner yield based on testing in accordance with ISO/IEC 19752. Yields vary with usage and environmental conditions.
3. For details on energy efficiency of ENERGY STAR® qualified products, refer to: www.energystar.gov.
4. Meets the requirements of the EU RoHS Directive 2011/65/EU on the Restriction of the use of certain Hazardous Substances (RoHS).
5. EPEAT registration varies by country. See www.epeat.net for registration status by country.
6. 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.
7. 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.
8. 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.
9. Availability and terms of Dell Services vary by region. For more information, visit Dell.com/servicecontracts/global.
10. AirPrint-enabled printers work with iPad, iPhone (3GS or later), and iPod touch (3rd generation or later) running iOS 4.2 or later.
11. 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.
12. Tested in accordance with ISO 7779 and reported in accordance with ISO 9296. Acoustics - Declared noise emission values of computer and business equipment.

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