



## Dell Color Smart Printer - S5840cdn



### Reliable, efficient printing your business depends on

Increase workplace efficiency and productivity with reliable performance, fast printing and long-life consumables.

- **Reliable performance:** Get uninterrupted performance with robust, state of the art paper handling mechanism for virtually jam-free printing.
- **Flexible media handling:** Print on a variety of media types, including vinyl, in a wide range of sizes and weights.
- **Speed through tasks:** Get your jobs done fast and wait less at the printer with the fastest First Page Out Time (FPOT) in its class<sup>1</sup> and exceptional print speeds of up to 50 ppm (color/black; letter).
- **Outstanding quality:** Get consistent color prints from first page to the last, thanks to optimized color calibration and a unique low melt toner formula.

For more information,  
visit [Dell.com/printers](http://Dell.com/printers)

## Reliable performance. Maximum productivity.

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

Get consistent color prints from first page to the last, thanks to Dell's unique low melt toner formula and color calibration.

Print your project on a variety of media types, including vinyl, in a wide range of sizes and weights, such as A6 media, labels, vinyl printing, and auto envelope support.

Save time with on-screen self-help graphics and simple step-by-step instructions for troubleshooting and error recovery.

## Impressively powerful. Incredibly efficient.

Get your jobs done fast and wait less at the printer with the fastest First Page Out Time (FPOT) in its class<sup>1</sup>, as fast as 5.5 seconds.

Power through heavy workloads and complex color files easily with a powerful 1.2 GHz quad processor.

## Simple to use. Ultra convenient.

Extend productivity with an intuitive touchscreen control panel. Swipe the ultra-smooth surface with almost anything, including pens, pointers or fingertips. A separate 10-key number pad is convenient to enter security codes.



Print files of various formats, including MS Office documents<sup>2</sup>, directly from your USB device using the convenient front USB port. Preview the pages of your documents on the 4.3" color LCD and select only the pages you need – right at the printer.

Access up-to-date documents and forms in Microsoft SharePoint On-Premise folders with direct access from the printer for efficient printing and sharing.<sup>3</sup>



## Minimize cost and user intervention

High-yield, low-melt toner cartridges can deliver up to 20,000/12,000 pages<sup>4</sup> (mono/color) with a low cost per page for greater savings.

Designed for high volume printing needs, this printer features long-life imaging components to minimize cost and downtime. The photoconductor units are covered with an ultra-durable coating that helps to deliver consistent high quality print outs from page 1 to 150,000.

## Eco-conscious design

Save on energy consumption without sacrificing performance. Get impressive speeds of up to 50 ppm color/black<sup>5</sup> with a Typical Electricity Consumption (TEC) of only 2.3kwh/week.

The S5840cdn meets the latest regulatory and environmental standards, including ENERGY STAR<sup>®</sup> qualification<sup>6</sup>, Restriction of Hazardous Substances (RoHS) compliance<sup>7</sup> and EPEAT Silver registration in the US<sup>8</sup>.

## Comprehensive services

Contact technical support for any printing issues via phone or online during your standard 1-year Limited Hardware Warranty<sup>9</sup>, and enjoy 1-year Next Business Day On-Site Service<sup>10</sup> after Remote Diagnosis<sup>11</sup>.

Stay covered longer when you choose optional 2- to 5-years of additional Limited Hardware Warranty<sup>11</sup>. Dedicated support 24/7 is available with optional Dell ProSupport<sup>™12</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 Color Smart Printer - S5840cdn

<b>Printer specifications</b>	<b>Printer type</b>	Color single-function printer
	<b>Print speed (Mono / Color)</b> <sup>5</sup> (600 x 600 dpi)	Simplex: Up to 50 ppm mono/color (letter) Duplex: Up to 40 ppm mono/color (letter)
	<b>First page out time</b> <sup>1</sup>	From Ready State: As fast as 5.0 seconds (mono); 5.5 seconds (color) From Sleep (Power Save Mode): As fast as 20.0 seconds (mono/color)
	<b>Print resolution</b>	Default: 600 x 600 dpi (4800 Color Quality Print Mode) High resolution: 1200 x 1200 dpi (1200 dpi Print Mode)
	<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 5c/6 Emulation, Personal Printer Data Stream (PPDS), PostScript Level 3 Emulation, Direct Image, PWG Raster, Microsoft XPS, PDF v1.7, AirPrint™
	Fonts	2 PCL bitmap, 89 PCL Scalable, 15 Postscript Scalable, 5 PPDS bitmap, 39 PPDS Scalable, Code39/OCR-A/OCR-B
	<b>Processor speed</b>	1.2 GHz Quad Core
	<b>Memory, standard</b>	1 GB RAM (upgradeable to 3GB max)
<b>Mobile printing support</b> <sup>13</sup>	Dell Document Hub app (Android and iOS), AirPrint™ <sup>13</sup> , Google Cloud Print™, Mopria™	
<b>Usage rate</b>	<b>Duty cycle</b>	Up to 150,000 pages per month <sup>14</sup>
	<b>Recommended monthly print volume</b>	2,500 - 25,000 pages per month
<b>Paper handling</b>	<b>Input sources</b>	Standard: 550-sheet standard tray Multi-purpose Tray: 100 sheets Maximum: 2,300 sheets (via three of the 550-sheet optional tray)
	<b>Output destinations</b>	Standard: 300-sheet bin
	<b>Standard tray</b>	
	Types and weights supported	Light Paper (60 to 74.9 gsm grain long) (16 to 19 lb bond) Plain Paper (75 to 90.3 gsm grain long) (20 to 24 lb bond) Heavy Paper (90.4 to 120 gsm grain long) (24.1 to 32 lb bond) Card Stock (up to 199gsm / 110lb) Labels (Paper) (up to 180gsm / 47 lb bond), Vinyl Labels Envelope (60 to 105 gsm grain long) (16 to 28 lb bond)
	Sizes	A4, A5, A6, JIS-B5, Officio, Statement, Executive, Letter, Folio, Legal, Universal, DL Envelope, C5 Envelope, B5 Envelope, 10 Envelope, Other Envelope (7 ¾ Envelope, 9 Envelop)
	<b>Duplexer</b>	Standard
	<b>Page layout options</b>	Portrait or Landscape orientation, Multiple copies, Multi-page printing (N-up, maximum of 16), Duplex printing, Poster (only for Windows Driver), Booklet printing (only for Windows Driver), Watermarks (only for Windows Driver), Collate, Reverse Page Order, Rotation 180°, Mirror
	<b>Printable area</b>	within 4.23mm from all edges of the media
<b>Connectivity</b>	<b>Interfaces</b>	USB 2.0 (high speed) Client port, USB 2.0 Host Port (high speed, 1-front, 2-rear), Ethernet port (Gigabit)
<b>Operating systems</b>	<b>Windows</b>	Microsoft® Windows® 10 32 bit/64 bit Microsoft® Windows® 8.1 32 bit/64 bit Microsoft® Windows® 7 32 bit/64 bit Windows Vista® 32 bit/64 bit Windows Server 2012 R1 and R2; Windows Server 2008 R1 and R2
	<b>Macintosh</b>	Apple Mac OS®: 10.6 ~ 10.11
	<b>Others</b>	Citrix Mainframe: Microsoft Windows Server 2012 R2 and Server 2012 with Citrix XenApp 7.5 Microsoft Windows Server 2008 R2 with Citrix XenApp 6.0, 6.5, 7.5 Microsoft Windows Server 2008 with Citrix XenApp 5.0 Microsoft Windows Server 2003 with Citrix MetaFrame Presentation Server 4.0, 4.5 and Citrix XenApp 5.0 Microsoft Windows Server 2003 with Citrix MetaFrame Presentation Server 4.5, 4.0, 3.0 and Citrix XenApp 5.0

**Operating systems**  
(continued)

**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

**Novell Operating Systems Supported:**  
Novell NetWare 6.5 Open Enterprise Server  
Novell Open Enterprise Server 2 on SUSE Linux Enterprise Server 10 SP4  
Novell Open Enterprise Server 11 on SUSE Linux Enterprise Server 11

**UNIX Operating Systems Supported:**  
Oracle Solaris x86 11, 10, 9; Oracle Solaris SPARC 11, 10; IBM AIX 7.1, 6.1

**Physical specifications**

<b>Printer dimensions</b> <small>(W x D x H)</small>	18.7" x 19.7" x 16.4" (475mm x 499mm x 417mm)
<b>Printer weight</b>	82.6 lbs (37.5 kg) (with consumables)
<b>Shipping dimensions</b> <small>(W x D x H)</small>	29.1" x 25.3" x 22.4" (738mm x 643mm x 568mm)
<b>Shipping weight</b>	92.4 lbs (41.9 kg)
<b>Operating environment</b>	Temperature: 50°F to 90°F (10 °C to 32 °C); Relative Humidity: 8% to 80% RH, non-condensing; Altitude: ≤ 10,000 feet (3048 m)
<b>Storage (packaged)</b>	Temperature: -40°F to 104°F (-40°C to 40°C); Relative Humidity: 8% to 80% RH; Altitude: ≤ 34,000 feet (10,300 m)
<b>Acoustics</b> <small>Sound Pressure (LpAm) / Power (LwAd)<sup>15</sup></small>	Printing (mono/color): 53 dBA / 6.8B(A) (LwAd) Standby: 15 dBA / 3.1 B(A)

**Power specifications**

<b>Voltage</b>	100 to 127 vac at 47Hz to 63Hz
<b>Power consumption</b>	Printing mode: 765W Ready mode: 60W Power Saver mode (Sleep): <3W Power Saver mode (Hibernate): 0.5W Off: 0.3W
<b>Average power consumption</b> (printing)	100v: 8.8 A 110v: 7.8 A
<b>Typical Electricity Consumption (TEC)</b>	2.3kWh

**Consumables**

<b>Ship-with toner capacity<sup>4</sup></b>	Up to 7,000 pages (Black); Up to 6,000 pages (Cyan, Magenta, Yellow)
<b>Toner capacity<sup>4</sup></b>	Standard Toner: Up to 7,000 pages (Black); Up to 6,000 pages (Cyan, Magenta, Yellow) High Capacity: Up to 20,000 pages (Black); Up to 12,000 pages (Cyan, Magenta, Yellow)

**Network Protocols**

<b>Transport</b>	IPv4, IPv6, TCP, UDP, IPSEC w/ IPv4, IPSEC w/ IPv6, ARP
<b>Print</b>	Direct IP (Port 9100), Enhanced IP (Port 9400), LPD/LPR, FTP, TFTP, HTTP, 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

**Security**

<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
<b>Color Control</b>	Yes

**Product certifications**

**Environmental compliance:** ROHS-Compliant<sup>7</sup>; WEEE; REACH; ENERGY STAR qualified<sup>6</sup>; EPEAT Silver registered<sup>8</sup>; ErP Lot 4; ErP Lot 6 and 26; Blue Angel Certified; 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

**Supported languages**

English, French, German, Italian, Spanish, Danish, Norwegian, Dutch, Swedish

<b>Printer management</b>	Dell Printer Configuration Web Tool, Standard Printer MIB, Dell Open Print Driver (OPD), Dell Open Manage Printer Manager (OMPM)
<b>Contents in box</b>	Dell Color Smart Printer - S5840cdn, Software and Documentation CD, Ship-With Black Cartridge (7,000 page yield <sup>4</sup> ), Ship-With Color Cartridges (6,000 page yield <sup>4</sup> ), Power Cord, Placemat

## Optional accessories and consumables



### Use & Return Replacement Toner

- Black Toner cartridges: up to 7,000 and 20,000 page yield<sup>4</sup>
- Color toner cartridges: up to 6,000 and 12,000 page yield<sup>4</sup>

### Non-Return Replacement Toner

- High Yield Black Toner cartridge: up to 20,000 page yield<sup>4</sup>
- High Yield Color Toner cartridges: up to 12,000 page yield<sup>4</sup>



### Imaging Units

- Black: up to 150,000 pages<sup>4</sup>
- CMY Kit: up to 150,000 pages<sup>4</sup>
- Available in Return and Non- Return



### Wireless Print Server

Connect the printer to a wireless network.  
Supports WPA 2.0 (Enterprise, Personal) and 802.1X.



### Optional paper tray

550-sheet input paper tray  
(Add up to 3 optional trays for a total input capacity of 2,300 sheets)



### Toner Waste Container

up to 90,000 page yield<sup>4</sup>

1. Based on Dell internal analysis of laser printers priced under US\$1000, April 2016.
2. Printing of MS Office documents (doc, xls, ppt) will be available from Q3, 2016.
3. SharePoint on Premise support will be available beginning in Q3 2016.
4. Black and color toner yield based on testing in accordance with ISO/IEC 19798. Yields vary with usage and environmental conditions.
5. Actual print speed may vary with use. Measured in accordance with ISO/IEC 24734 methodology.
6. For details on energy efficiency of ENERGY STAR® qualified products, refer to: [www.energystar.gov](http://www.energystar.gov).
7. Meets the requirements of the EU RoHS Directive 2011/65/EU on the Restriction of the use of certain Hazardous Substances (RoHS).
8. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.
9. 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).
10. Replacement part/unit dispatched, if needed, following completion of phone/online diagnosis. Fee charged for failure to return defective unit. Availability varies. Other conditions apply.
11. 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.
12. Availability and terms of Dell Services vary by region. For more information, visit [Dell.com/servicecontracts/global](http://Dell.com/servicecontracts/global).
13. 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.
14. 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.
15. 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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