Driving workforce efficiency with an easy to manage enterprise color printer

Increase workplace efficiency and productivity with the Dell Color Smart Printer - S3840cdn — an easy-to-manage, dependable and secure printer.

- **Efficient printer management:** From printer fleet management, to simplified set-up, to enhanced control features, Dell helps you streamline printing processes and reduce costs.

- **Dependable performance:** Power through heavy workloads and complex color files easily with powerful dual core print processor and large 2GB RAM without sacrificing print quality.

- **Secure printing:** Add an extra level of security to safeguard sensitive data and encrypt credentials stored on your printer with the built-in Trusted Platform Module (TPM).

- **Intuitive control panel:** The adjustable 5-inch color capacitive LCD touchscreen consolidates all controls into one location, and can be easily tilted for comfortable use.

For more information,
visit Dell.com/printers

Efficient manageability. Maximum productivity.

Simplify printer management with Dell's efficient solutions that **streamline IT processes and tasks, reducing workload and costs.**

Reduce IT workload with **efficient print fleet management** through Dell OpenManage Printer Essentials (OMPE). View your printer fleet's health in real time and receive proactive alerts to keep your fleet updated with the latest security features and functionality – all with a simple user interface.

IT managers can **view, change settings, and control printers remotely** from a PC using the new easy-to-use, web-design Embedded Web Service (EWS) interface. EWS also helps IT to clone the printer settings of one device to multiple devices within an organization, saving time and effort.

Enhanced control features give IT managers a higher level of control of their printer fleet, including limiting and controlling color and mono printing, tracking the number of pages printed, monitoring data usage, and enabling guest printing (via an optional wireless adapter).

Dependable performance. Reliable security.

Power through heavy workloads and complex color files easily with the S3840cdn's powerful dual core print processor and large 2GB RAM.

Experience dependable printing with up to 1200x1200 dpi print resolution for consistently high quality graphics and crisp text.

Safeguard sensitive data and encrypt credentials stored on your printer with the built-in Trusted Platform Module (TPM). With TPM, sensitive data are not easily compromised when the S3840cdn is accessed by unauthorized personnel, or sent for external repair, servicing or exchange.

Secure costly or sensitive media, such as company letterhead or checks with the lockable media security tray cover (optional tray sold separately).

Simple to use. Ultra convenient.

Extend productivity with the S3840cdn's **adjustable 5-inch capacitive touchscreen control panel** and customizable, intuitive interface. Tilt the screen for comfortable viewing and control.

Print up-to-date documents and forms in **Microsoft SharePoint On-Premise** folders with direct access from the printer for efficient printing and sharing.[1]

Minimize cost and user intervention

The optional high-yield, low melt toner cartridges can deliver up to 11,000/9,000 pages[2] (mono/color) with a **low cost per page** for greater savings.

Convenient on-screen graphics with step-by-step walk-through provide **instant help for quick troubleshooting,** minimizing the need for IT intervention.

Eco-conscious design

Save on energy consumption without sacrificing performance. Get print speeds of up to 36 ppm color/black[3] with a Typical Electricity Consumption (TEC) of only 1.9kWh/week.

The S3840cdn **meets the latest regulatory and environmental standards**, including ENERGY STAR® (Ver 2.0)[4], Restriction of Hazardous Substances (RoHS) compliance[5] and EPEAT Silver registered[6].

Comprehensive services

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

Stay covered longer when you choose optional 2- to 5-years of additional Limited Hardware Warranty[7]. 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

Dell Color Smart Printer - S3840cdn

Category	Spec	Details
Printer specifications	**Printer type**	Color Single Function Printer (print only)
	Print speed (Mono / Color)[3] (600 x 600 dpi)	Simplex: Up to 36 ppm mono/color (letter) Duplex: Up to 24 ppm mono/color (letter)
	First page out time[1]	From Ready State: As fast as 13.5 seconds (mono); 14.0 seconds (color) From Deep Sleep: As fast as 29.0 seconds (mono); 29.5 seconds (color)
	Print resolution	Default: 600 x 600 dpi High resolution: 1200 x 1200 dpi
	Operation panel	5" Tilting Color Capacitive Touch Screen
	Print language	
	Printer data stream	PCL5c, PCL 6 (PCLXL 2.1), PostScript 3 (Native Adobe), XPS, PDF v1.7
	Fonts	HP PCL® 6 Emulation:82 scalable fonts / PostScript® Level 3: 136 Scalable fonts
	Processor speed	1.05 GHz Dual Core
	Memory, standard	2 GB RAM
Mobile printing support[11]		Dell Document Hub app (Android, iOS, Windows 8.1 and later), AirPrint™[13], Google Cloud Print™, Mopria™
Print job management		Secure Print release with 4-12 digit PIN
Usage rate	**Duty cycle**	Up to 80,000 pages per month[12]
	Recommended monthly print volume	2,000 - 6,000 pages per month
Paper handling	**Input capacity**	Standard: 550-sheet standard tray Multi-purpose Tray: 150 sheets Maximum: 1,250 sheets (via additional 550-sheet optional tray)
	Output destinations	Standard: 250-sheet bin
	Standard tray	
	Types and sizes supported	**Main tray:** Letter SEF / Executive SEF / A5 SEF / A4 SEF / B5 SEF / Legal13 SEF / Legal14 SEF / Com-10 SEF / Monarch / DL-SEF / C5 SEF / Statement Custom paper size: Min: 148.5mm (5.8') x 210.0mm (8.3') / Custom paper size Max: 215.9mm (8.5') x 355.6mm (14) **MSI Tray:** Label / Envelope / Post card Custom paper size Min: 76.2mm (3.') x 127.0mm (5') Custom paper size Max: 215.9mm (8.5') x 355.6mm (14)
	Weight	Plain paper (60~90gsm), Thicker paper (91~105gsm), Heavier paper-L (106-163gsm) / Heavier paper-H (164~216gsm), Recycled paper (up to 70% Post Consumer Waste), Coated paper-M (106-163gsm) / Coated paper-H (164~216gsm)
	Duplexer	Automatic
	Printable area	Max: 8.19" x 13.69" (207.9mm x 347.6mm)
Connectivity	**Interfaces**	Front: USB 2.0 (high speed) Client port for Thumb Drive Rear: USB 3.0 Device Port, USB 2.0 Host Port (CAC card), Ethernet port (Gigabit)
	Wireless	Optional external Wifi dongle (Standard: 802.11 a/b/g/n, Bands: 2.4GHz/5GHz)
Operating systems	**Windows**	Microsoft® Windows® 10 /8 /8.1 /7 /Vista (32 bit/64 bit) Windows Server 2012 R2 / 2008 R1 & R2 Windows Cluster Server (Win 2008) Windows Server 2016 (from Q4 2016)
	Macintosh	Apple Mac OS®: 10.7~10.11 (Intel-based) Apple Mac 10.12 (from Q4 2016)
	Others	SUSE Linux Enterprise Desktop 11.3 and above (x86, x64) Red Hat Linux Enterprise Desktop 6.4 and above (Desktop) (x86, x64) Ubuntu 14.04LTS and above SAP R/3 Release 4.6B onwards Windows Server® 2008 R2: Citrix® XenApp™ 6.5 Windows Server® 2012: Citrix® XenApp™ - 7.0 Windows Server® 2012 R2: Citrix® XenApp™ - 7.5, 7.6, 7.8
Physical specifications	**Printer dimensions** (W x D x H)	17.9" x 19.1" x 17.3" (454mm x 485mm x 439mm)
	Printer weight	57.3 lbs (26 kg) (with consumables)
	Shipping dimensions (W x D x H)	25.7" x 23.1" x 22.3" (654mm x 586mm x 566mm)
	Shipping weight	68.1 lbs (30.9 kg)
	Operating environment	Temperature: 41ºF to 90ºF (5 ºC to 32 ºC) Relative Humidity: 15% to 85% RH, non-condensing

Dell Color Smart Printer - S3840cdn

Power & Acoustics	**Voltage**	110 to 127 vac ± 10 %, 50 ± 3 Hz nominal
	Power consumption	Printing mode: 560W Ready mode: 54W Power Saver mode (Low Power): 16W Power Saver mode (Deep Sleep): 0.9W Off: 0.23W
	Average power consumption (printing)	115V: 5A (average) and 10A (max.)
	Typical Electricity Consumption (TEC)	1.9kWh (115V/60Hz)
	Acoustics Sound Pressure (LpAm} / Power (LwAd)[13]	Printing: LwAd: 7.0B color /mono; LpAm: 53.4dB color/ 53.1dB mono Standby Mode: LwAd 4.1B color/mono; LpAm: 24.5dB color/mono
Consumables	**Ship-with toner capacity[4]**	Up to 3,000 pages (Black); Up to 3,000 pages (Cyan, Magenta, Yellow)
	Toner capacity[4]	Standard: Up to 3,000 pages (Black); Up to 3,000 pages (Cyan, Magenta, Yellow) High Capacity: Up to 11,000 pages (Black); Up to 9,000 pages (Cyan, Magenta, Yellow)
Network transport & authentication	**Transport**	TCP/IP, IPv4/IPv6, TCP, UDP, IPv4, IPv6, ICMP, IGMP 802.1x (EAP-MD5, EAP-MS-CHAP-V2, PEAP-PEAPv2, EAP-TLS)
	Print	Port 9100, LPD/LPR; IPP v1.0, 1.1, 2.0; Google CloudPrint 2.0; AirPrint; WSD; IPP over SSL; Mopria; MS Web Services WSD-Print WSD-Scan; Standard Print Port (TCP 9100); IPP 1.0 Server (TCP 80, 631); IPP 1.1 Server (TCP 80, 443, 631); IPP 2.0 Server (TCP 80, 443, 631); LPR Print (TCP 515)
	Management & Device Discovery	HTTP; HTTPS; TLS; SNMP (v1v2v3); BOOTP; DHCP; Auto IP; WINS; DNS; Bonjour (mDNS)
Security	**Network transport & authentication**	NTLM v1/v2/v2; Kerberos Version 5; SNMP V1, 2, 3; Secure LDAP; Microsoft Active Directory Domain Enrollment (Kerberos / LDAP Authentication compatible); SMTP Authentication (Plain, Kerberos, NTLM, CRAM-MD5)
	Data encryption	IPsec (IKev1); 802.1x Wired Security; S/MIME-encryption and PDF-password encryption supported; AES256; IPsec(IKE)/Pre-Shared Key; SHA-1; SHA-2 (including SHA256); SMTP SSL Encryption
	Access control management	Embedded Web Server access control for network port, protocol, printer settings and reports. Operator panel access.
	Physical security	Kensington lock slot for printer, primary input tray and optional input tray, Legal paper extender lock for Main tray and Optional Tray. Main tray paper cover.
	Color Control	ColorTrack
	Directory Access	Local Authentication with multiple user profile, Remote Authentication (LDAP/Kerberos) for Address Book, LDAP/Kerberos (Multiple Server) user Log-in and Log-out
Product certifications		Environmental compliance: ROHS-Compliant[5]; WEEE; ENERGY STAR (ver 2.0)[4]; EPEAT Silver registered[6]; Mexico Energy Labeling Safety & EMC: IEC60825-1 (Laser); IEC60950-1:2005 2nd edition; cTUVus (or equivalent); FDA/DHHS (21CFR, Chapter 1, Sub-chapter J); FCC CFR Title 47, Part 15 Class B; ICES-003; NOM NYCE; IFETEL Others: IPV6 Compliance; FIPS 140-2 Level 1 certified embedded
Supported languages		English, French, Spanish
Printer management		Dell Printer Configuration Web Tool (EWS), Standard Printer MIB, ColorTrack, Dell Open Print Driver (OPD), Dell OMPE
Contents in box		Dell Color Smart Printer - S3840cdn, Software and Documentation DVD, Ship-with Black Cartridge (3,000 page yield), Ship-with Color Cartridges (3,000 page yield), Power Cord, RJ11 Cable, Setup Guide, Kensington lock extender for main tray

Optional accessories and consumables

Dell S3840/S3840cdn Series Toner Cartridges
- Black: up to 3,000 page yield[2]
- Color: up to 3,000 page yield[2]

Dell S3840/S3840cdnSeries High Yield Toner Cartridges
- High Yield Black: up to 11,000 page yield[2]
- High Yield Color: up to 9,000 page yield[2]

Optional paper tray
550-sheet input paper tray

Wireless Adapter
Connect the printer to a wireless network.

Dell S384x Series Cabinet with Castor Base
Provides storage and added height for standing printers.

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1. Supports both MS SharePoint 2010 and 2013 On Premise.
2. Black and color toner yield based on testing in accordance with ISO/IEC 19798. Yields vary with usage and environmental conditions.
3. Actual print speed may vary with use. Measured in accordance with ISO/IEC 24734 methodology.
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 part/unit dispatched, if needed, following completion of phone/online diagnosis. Fee charged for failure to return defective unit. 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-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.