Dell 2150cn and Dell 2150cdn colour laser printers

Great immediate and long-term colour printing value for small businesses and workgroups

The Dell 2150cn and Dell 2150cdn are network-capable colour printers designed for small workgroups looking for high value, highly affordable, professional-quality colour printing capabilities using the latest colour laser printing technology. The 2150cn and Dell 2150cdn deliver razor-sharp colour print outs to fulfill everyday printing needs — conveniently. And with automatic two-sided duplex printing, the Dell 2150cdn can help your organization save on printing costs as well.

Performing efficiently at print speeds of up to 23 pages per minute (ppm)[1] colour or mono (A4) (actual print speed will vary with use), the Dell 2150cn and Dell 2150cdn can reliably produce high quality printing at a maximum monthly duty cycle of up to 40 000 pages.

Achieve professional-quality colour prints with the Dell 2150cn and Dell 2150cdn, featuring fast print speeds in both mono and colour, and amazing long-term value built with your growing business in mind.

Dell 2150cn and Dell 2150cdn colour laser printers

Product benefits

Vibrant colour

Advanced colour laser printing technology delivers brilliant colour output every time. With a native print resolution of 600 x 600 dpi, your colour documents will always look sharp. Plus you can get crisp graphics, text, and photos with true-to-life colour with the automatic colour space and image correction technology which allows the printer to choose the most suitable colour imaging process based on the document content. Amazing colour image quality is possible thanks to our advanced emulsion aggregation process which produces smaller, more controllable toner particles than traditional, mechanically produced toners and has super fine distribution.

Low total costs of printing—high value

Get superb performance for your initial investment in the Dell 2150cn and Dell 2150cdn; then enjoy exceptional long term value with a low cost per page as well. Manage your printing costs with ColourTrack 2.1, which lets you control user access to colour printing. And take advantage of the ability to continue to print in black even on the occasion when your colour toner runs out. Factoring in Dell's reliable, outstanding printer support, it's clear the Dell 2150cn and Dell 2150cdn are smart investments that handle the printing needs of small and medium businesses.

Great performance—great functionality

There's no need to wait for your print job with the Dell 2150cn and 2150cdn which feature print speeds of up to 23 pages per minute (ppm) A4 in both mono and colour (actual print speed will vary with use). And with a maximum monthly duty cycle of up to 40 000 pages, the Dell 2150cn and 2150cdn can handle your organization's colour printing needs with ease.

Solid warranty and service

Should your Dell 2150cn or Dell 2150cdn need service, Dell's standard 1 Year Next Business Day Service after Remote Diagnosis[3] can help get you back up and running again promptly. Protect your investment even longer with an optional Limited Hardware Warranty[3] extension which is available during the term of the warranty for up to four years.

Environmentally-conscious design—reduce, recycle, renew

According to the US Environmental Protection Agency, Energy Star®-qualified products are up to 25% more power efficient on average than conventional models.[4] The Dell 2150cn and 2150cdn have been designed to help reduce the use of materials and hazardous materials. Dell printer users can return toner cartridges to Dell for recycling at no additional cost (applies to major western European countries only). Dell also helps customers dispose of old printers and other computer equipment in an environmentally-conscious manner.

Order supplies online or through selected reseller partners
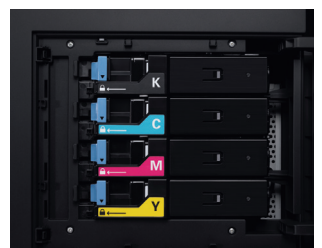

Dell 2150cn/cdn colour laser networked printers with optional 250 sheet drawer

Dell 2150cn/cdn control panel

Dell 2150cn/cdn rear view

Dell 2150cn/cdn easy toner cartridge access (side view)

Get the most out of your Dell printer with genuine Dell options and supplies

Toner cartridges[2]	Dell 2150cn/cdn black and colour (CMY) toner standard and ship-with capacity: approximately 1 200 pages; black toner high capacity: approximately 3 000 pages, colour toner (CMY) high capacity: approximately 2 500 pages; dual pack, 3 000 pages x 2 units (mono only)
Memory (RAM)	Standard: 256 MB DDR2-400 MHz, 144-pin SO-DIMM; upgradable 512 MB to maximum 768 MB (with standard + DIMM)
Connectivity	USB 2.0 (high speed) Client port; Ethernet port (Giga); Wireless port (For optional dongle)
Paper handling	Input: standard 250 sheet drawer + 1 sheet multipurpose tray; optional 250 sheet drawer; output: 150 sheet bin
Service and support[3]	1 Year Next Business Day Service after Remote Diagnosis; Optional: extended service options available during term of warranty for up to four years

Dell 2150cn and Dell 2150cdn
colour laser printers

Product description	Highly affordable single function networked colour laser printers designed for small workgroups.

Printer specifications

Print speed[1]	Up to 23 A4 pages per minute (ppm) mono and colour
Warm up time	Equal or less than 16.5 seconds
First page out time	
From Ready state	Equal or less than 15.5 seconds
Print resolution	600 x 600 dpi
User interface	LCD: 16 characters x 2 lines; Backlight: White backlight; Buttons: 7 Buttons; Status LED: One LED ("Ready" and "Error")
Data streams	PCL 5e, PCL 5c, PCL 6, XPS (host based)
Processor speed	400 Mhz
Memory (RAM)	Standard: 256 MB DDR2-400MHz, 144-pin SO-DIMM
Memory expansion	512 MB (optional); maximum 768 MB (when Standard + Optional DIMM)
Maximum duty cycle	Up to 40 000 pages per month
Typical monthly print volume	400-2000 pages per month

Paper handling

Standard input sources	1 sheet multipurpose tray; 250 sheet standard drawer
Additional optional input capacity	250 sheet drawer
Maximum input capacity	501 sheets
Duplexer	Standard for 2150cdn
Standard output destination	150 sheet tray
Maximum output capacity	150 sheets
Additional output destinations	Not available

Supported media types, sizes and paper weights

Media types supported	Plain paper (normal, thick); cover (106 - 216 gsm); coated paper (95 - 216 gsm); label; postcard; envelope; recycled paper
Media sizes	
Standard 250 sheet drawer	A4 SEF, B5 SEF, A5 SEF, US Letter SEF, Executive SEF, Folio (8.5 in x 13 in) SEF, US Legal SEF, Envelope: Com-10 SEF, Monarch/DL, C5 SEF. Custom paper size: *Width:* 76.2 mm to 215.9 mm, *Length:* 98 mm to 355.6 mm
Optional tray	A4 SEF, B5 SEF, A5 SEF, US Letter SEF, US Executive SEF, US Folio (8.5 in x 13 in) SEF, US Legal SEF, Custom size: 76.2 mm – 216 mm (W), 127 mm - 355.6 mm (L)
Media weight	
1 sheet multipurpose tray	60 gsm to 216 gsm
Standard 250 sheet drawer	60 gsm to 216 gsm
Printable area	207.9 mm x 347.6 mm
Page layout options	Portrait or Landscape orientation, multiple copies, duplex printing, multipage printing (N-up),poster, booklet printing, watermarks, collate, form, rotation

Connectivity

Standard interfaces	USB 2.0 (high speed) Client port, Ethernet port (Giga), Wireless port (For optional dongle)

Operating Systems (OS) support	Microsoft® Windows® 7 32 bit/64 bit, Windows Vista® 32 bit/64 bit (Home Basic, Home Premium, Ultimate, Business), Windows Server 2008 32 bit/64 bit, Windows XP 32 bit/64 bit (Home & Pro), Windows 2003 Server 32 bit/64 bit, Windows Cluster Server Environment; Mac OS®: 10.3.9 or later (Power PC 32 bit), 10.4.11 or later (Power PC 32 bit/ Intel 32 bit), 10.5 with latest update (Power PC 32/64 bit/ Intel 32/64 bit), 10.6 with the latest update (Intel 32/64 bit); SUSE Enterprise Linux Desktop 10 (x86); Red Hat Enterprise Linux 5 Desktop (x86); NovellYES certification; SAP R/3 environment supported; Microsoft® Windows Server 2003 running Terminal Server with Citrix Presentation Server 4.0 and 4.5 and XenApp 5.0; Windows Server 2008 running Terminal Server with Citrix Presentation Server 4.5 and XenApp 5.0

Network protocol

Wired network

Network transport protocol	TCP/IP, IPv4/IPv6, Telnet
Network print protocol	Port 9100, LPD, SMB, IPP, Telnet
Management services & device discovery	HTTP, HTTPS, TLS/SSL, SNMP (v1 v2 v3), MIBv2 (RFC1213 compliant), BOOTP, DHCP, RARP, Auto IP, WINS, DNS, Bonjour(mDNS), Telnet
IPv6 – Protocol supported	Transportation:Ipsec, ICMPv6, Discovery MLDv6, Printing: Port 9100, LPD, Network Management DHCPv6 (Lite), DNSv6, HTTP, HTTPS, SNMP (v1 v2 v3)

Wireless network

Protocol stacks	TCP/IP, IPv4/IPv6
Security	WPA – TKIP or AES, WEP – 64/128 bit, IEEE 802.1x
Certifications	WiFi Logo, WPA 2.0 (Personal), WPS
Compliant standard	802.11 b/g/n
Bands	2.4 GHz
Data transfer mode	IEEE802.11n Mode:65 Mbps; IEEE802.11g Mode:54,48,36,24,18,12,9,6 Mbps; IEEE802.11b Mode:11,5.5,2,1 Mbps
Device type	Adapter

Dell 2150cn and Dell 2150cdn
colour laser printers

Printer language and fonts support

Printer driver language and printer data stream (FW)	PCL 5e, PCL 5C, PCL 6, XPS (host based)
Standard font list	HP PCL® 6 Emulation: 80 scalable fonts

Security

Print job management	Secure Print with 4 Digit Pin (works only with additional 512MB memory), Virtual Mail Box (works only with additional 512MB memory), Print Job disable/enable scheduling-Driver, Printing disable on Printer-Printer EWS Control
Network transport	HTTP, TLS/SSL
Network authentication	SNMP V3
Data encryption	Ipsec (IKeV2, IKev1), 802.1x Wired Security
Access control management	Yes (Admin lock network, printer settings, reports, control panel lock)
I/O access control	Yes (USB, Network)
Colour control	Yes (Printing via ColourTrack 2.1)
Wireless security	WPA – TKIP or AES, WPA2 Personal, WEP – 64/128 bit, IEEE 802.1x
Lock type and location	Kensington lock slot for printer; Kensington lock slot for primary input tray; Kensington lock slot for optional secondary input tray

Consumables

Toner management	In conjunction with the printer and software, features include toner level reporting, low toner alerts, auto-generated alert e-mails, toner conservation, and the Dell Toner Management System
Ship-with toner cartridge capacity[2]	1 200 capacity (black); 1 200 page capacity colour (CMY)
Standard toner cartridge capacity[2]	1 200 capacity (black); 1 200 page capacity colour (CMY)
High capacity toner cartridge[2]	3 000 page capacity (black); 2 500 page capacity colour (CMY)
	Common toner cartridges for Dell 2150 and 2155 colour laser printers
Toner recycling	Dell's Recycling Program (details included in product)

Language and regulatory certifications

Printer firmware & software	English, French, German, Italian, Spanish, Danish, Norwegian, Dutch, Swedish
User guide	English, French, German, Italian, Spanish, Danish, Norwegian, Dutch, Swedish; Reduced Manual available on-line: Greek, Portuguese, Czech, Polish, Hungarian
Safety certifications	IEC60950-1:2005 2nd edition / EN60950-1:2006 2nd edition; IEC60825-1 (Laser); NEMKO (Nordic); UL/cUL (UL60950-1:2007 2nd edition) FDA/DHHS (21CFR, Chapter 1, Sub J)
EMC certifications	EN55022:2006+A1:2007 Class B; EN61000-3-2:2006; EN 61000-3-3:1995+A1:2001+A2:2005, EN55024:1998+A1:2001+A2:2003]; FCC CFR Title 47, Part 15 Class B (USA); ICES-003, (Canada); ENG0002520_DCDS (Version A06)
Environmental compliance and other certifications/compliances	EUP Tier 1 (2010) requirement; RoHS-compliant[5]; Energy Star®[4] (2150cdn model only); Blue Angel (Germany); WHQL Citrix, SAP, NovellYES, USB IF, WiFi Logo, GS Mark (Germany)

Printer management

Printer management	Dell Printer Configuration Web Tool; Dell ColourTrack 2.1 and Dell Toner Management System, Standard Printer MIB, Dell Private MIB

Warranty and service options

Standard service[3]	1 Year Next Business Day Service after Remote Diagnosis
Service options	Extended service options are available during the term of the warranty for up to four years

Physical specifications

Dimensions (W x D x H)	*Printer:* 400 mm x 406 mm x 412.8 mm without CST; *Shipping:* 524 mm x 590 mm x 581 mm
Available input tray options	250 sheet tray—*Dimension:* 400 mm W X 406 mm D X 106 mm H
Weight	*Printer:* 20 kg with duplexer; *Shipping:* 24 kg with duplexer
Operating environment	5°C to 32°C (Print Quality Guaranteed: 15°C to 28°C) 15 to 85% RH (Print Quality Guaranteed: 20 to 70% RH), non-condensation
Storage	*Packaged:* Temperature: -20°C to 40°C; Relative humidity: 5% Relative humidity to 90% Relative humidity; Altitude: ≤ 15 000 m. above sea level.
Acoustics[6]	
Average sound pressure	*Printing (simplex mode):* 52.9 dB(A)(Ref)
(Bystander position)	*Standby Mode:* 23.5db(A)(Ref)
Voltage	
230 vac models	220 to 240 vac, 50 + 3 Hz / 60 + 3 Hz nominal
Power consumption	*Standby Mode:* 43W; *Power Saver Mode:* 12W; *Deep Sleep Mode:* 8W; *Off:* 0W; *Continuous Printing (per hour):* 520W
Typical energy consumption[7]	2.02 kWh/week (TEC 230V)
Maximum current consumption	5A @ 220V-240V
Power Save options	User definable 5 - 30 mins. (default 5 mins.); Sleep Mode: User Definable 1-30 mins. (default 3 mins.); Deep Sleep Mode: User Definable 5-60 mins. (default 10 mins.)

Service options[3]	2-5 years Next Business Day On-site Service after Remote Diagnosis; 1-5 years Dell ProSupport™

Contents in box	Dell 2150cn/cdn Colour Printer, Installation Software CD (Printer Driver & Dell Supplies Management Software), Dell 2150cn/cdn Ship-With Black Cartridge (1 200 page yield[2]), Dell 2150cn/cdn Ship-With Colour Cartridges (1 200 page yield[2]), Power Cord, Placemat, Product Information Guide, NoM, Blue Angel Techsheet (EMEA only), GS-Mark Techsheet (EMEA only) and Hardware Recycle Program label and instructions.

[1] Print speed quoted refers to A4 Simplex (single-sided) page using default print mode. Actual print speed may vary depending upon system configuration, software application and document complexity.
[2] Tested in accordance with ISO/IEC 19798 testing methodology. Yields vary with usage and environmental conditions.
[3] Service may be provided by third party. Technician will be dispatched if necessary following phone-based troubleshooting. Subject to parts availability, geographical restrictions and terms of service contract. Service timing dependent upon time of day call placed to Dell. Defective unit must be returned. Replacements may be refurbished.
[4] For details on energy efficiency of Energy Star qualified products, refer to: http://www.energystar.gov.
[5] Meets the requirements of the EU Directive on the Restriction of the use of certain Hazardous Substances (RoHS) dated 27 January 2003.
[6] Tested in accordance with ISO 7779 and reported in accordance with ISO 9296, Acoustics—Declared noise emission values of computer and business equipment.
[7] For the Typical Energy Consumption calculation details please visit: http://www.energystar.gov/ia/products/fap/IE_TEC_Test_Procedure.pdf.