



The Dell 2155cn and Dell 2155cdn multifunction colour laser printers



Affordable multifunction convenience with fast colour printing for small businesses and workgroups

The Dell 2155cn and Dell 2155cdn are designed for small and medium sized businesses and small workgroups looking for highly affordable, professional-quality print, copy, fax and scan capabilities all in one convenient device. And with automatic two-sided duplex printing, the Dell 2155cdn can help your organization save on printing costs as well.

Performing efficiently at copy/print speeds of up to 23 pages per minute (ppm)¹ colour or mono (A4) (actual print speed will vary with use), the Dell 2155cn and Dell 2155cdn can reliably produce high quality printing at a maximum monthly duty cycle of up to 40 000 pages. Plus the Dell 2155cn and Dell 2155cdn can deliver razor-sharp colour print outs to fulfill everyday printing needs using the latest colour printing technology.

Achieve professional quality colour prints with the Dell 2155cn and Dell 2155cdn, featuring fast print speeds in both mono and colour, and amazing long-term value built with your growing business in mind.



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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. Enjoy amazing colour image quality thanks to our advanced emulsion aggregation process which produces smaller, more controllable toner particles than traditional, mechanically produced toners and has super fine distribution.

All-in-one functionality—fast and reliable

Experience the convenient functionality of four devices in one—enjoy fast high quality printing, faxing, scanning and copying up to 23 pages per minute (ppm)(A4) in both mono and colour. And with a maximum monthly duty cycle of up to 40 000 pages, the Dell 2155cn and 2155cdn can handle your organization's colour printer needs well. Easily share the Dell 2155cn/cdn across your network using Dell's Printer Configuration Web Tool. And make digital archiving a reality with Nuance PaperPort12.

Low total costs of printing—high value

Get superb performance for the initial investment in the Dell 2155cn and Dell 2155cdn; 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 2155cn and Dell 2155cdn are smart investments that can handle the printing needs of small and medium businesses with ease.

Solid warranty and service

Should your Dell 2155cn or Dell 2155cdn need service, Dell's standard 1 Year Next Business Day Service after Remote Diagnosis³ can help get you back up and running again promptly. Protect your investment even longer with an optional Limited Hardware Warranty 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 2155cn and Dell 2155cdn 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 2155cn/cdn multifunction colour laser printers



Dell 2155cn/cdn control panel



Dell 2155cn/cdn connectivity



Dell 2155cn/cdn toner cartridge

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

Toner cartridges²	Dell 2155cn/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)	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), USB Host Port (USB 2.0 Embedded Host Port for USB Memory)
Paper handling	Input: standard 250 sheet drawer + 1 sheet multipurpose tray; optional 250 sheet drawer; output: 150 sheet bin
Service and support³	1 Year Next Business Day Service after Remote Diagnosis; Optional: extended service options available during term of warranty for up to four years



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Product description	Highly affordable and convenient multifunction (print, copy, scan and fax) networked colour laser printers designed for small workgroups.
Printer specifications	
Print speed ¹	Up to 23 A4 pages per minute (ppm) mono or colour (simplex); up to 16.1 A4 ppm mono or colour (actual print speed will vary with use) (duplex)
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: 20 characters x 4 lines; Backlight: white backlight; 38 Buttons: 26 buttons plus 12 key pad; Status LED: 168 x 64 dot Bitmap Display ("Ready" and "Error")
Data streams	PCL 5e, PCL 5c, PCL 6, XPS (host based)
Processor speed	533 Mhz
Memory (RAM)	Standard: 256MB DDR2-400MHz, 144-pin SO-DIMM; Slots: DDR2 SO-DIMM slot x 1
Memory expansion	512 MB; maximum 768 MB (when Standard+DIMM)
Maximum duty cycle	Up to 40 000 pages per month
Typical monthly print volume	750-4 000 pages per month
Copy specifications	
Mode	Mono, colour
Copy speed	Colour: 23 copies per minute (cpm) (1 to N copies), 8 cpm (N to N copies); mono: 23 cpm (1 to N copies), 16 cpm (N to N copies)
First copy out time	Ready(Sec): 30sec/21sec or less (Colour/Mono)
Maximum copies	</= 99
Zoom	25 - 400%
Copy settings	Collate, N-up (2 in 1 only), Collate (15 page document, multiple copy), ID Copy, Sharpness, Colour Balance: (Setup menu only), Background removal: Yes, Colour Saturation :Yes
Faxing specifications	
Communication Mode	V.34 (33.6 /31.2 /28.8 /26.4 /24 /21.6 /19.2 /16.8 /14.4 /12 /9.6 /7.2 /4.8 /2.4kbps); V.17 (14.4 /12 /9.6 /7.2kbps); V.29 (9.6 /7.2kbps); V.27ter (4.8 /2.4kbps)
Compatibility	ITU-T G3
Fax speed	3 seconds (A4)
Speed dial	200 entries, Group Dial (6 groups, 200 entries to each group)
Memory size	4 MB
Resolution	Standard: 200 x 100 dpi; Fine:200 x 200 dpi; Super Fine:400 x 400 dp
FAX Transmit(TX) Features	Broadcast, Delay/Schedule, Priority, Secure, Forward, Remote, Polling
FAX Receive(RX) Features	Secure, Remote, Polling
Scanning specifications	
Mode	missing information
Optical resolution	1200 x 1200 dpi
Scan depth	Colour: 24 bit; mono: 1 bit for lineart, 8 bit for grayscale
Scan size (maximum)	Scan platen: 216 mm x 297 mm; ADF: 216 mm x 356 mm
Scanning features	Scan to email, scan to SMB/FTP, scan to application, scan to USB memory
Formats	TIFF (single/multi); JPEG; PDF Ver 1.6
Walk up- Scan to Address book	99 entries- address book
Paper handling	
Standard input sources	1 sheet multipurpose tray; 250 sheet standard drawer
Additional optional / max input capacity	250 sheet drawer / 501 sheets
Duplexer	Standard for 2150cdn
Automated Document Feeder specifications:	
Capacity	35 sheets standard paper
Acceptable paper size	A4 SEF, B5 SEF, A5 SEF, US Letter SEF, Executive SEF, Folio SEF, US Legal SEF,
Paper type/weight	Standard/50 gsm - 125 gsm
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	<i>Standard 250 sheet drawer and multipurpose tray:</i> A4 SEF, B5 SEF, A5 SEF, US Letter SEF, US Executive SEF, US Folio (8.5 in x 13 in) SEF, US Legal SEF, Com-10 SEF, Monarch/DL, C5 SEF. Custom paper size: <i>Width:</i> 76.2 mm to 215.9 mm, <i>Length:</i> 98 mm to 355.6 mm; <i>Optional drawer:</i> A4 SEF, B5 SEF, A5 SEF, US Letter SEF, US Executive SEF, US Folio (8.5 in x 13 in) SEF, US Legal SEF
Media weight	<i>1 sheet multipurpose tray:</i> 60 gsm to 216 gsm; <i>Standard 250 sheet tray:</i> 60 gsm to 216 gsm
Printable area	207.9 mm x 347.6 mm



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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); USB host port (USB 2.0 embedded host port for USB memory)
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); Novell® YES certification; SAP R/3 environment supported. Supplier to develop DTS; Note: Supplier should do product compliance planning & validation with SAP; Microsoft® Windows Server 2003 running Terminal Server with Citrix Presentation Server 4.0 and 4.5 and XenApp 5.0; Microsoft® Windows Server 2008 running Terminal Server with Citrix Presentation Server 4.5 and XenApp 5.0
Wireless	Optional
Network protocol	
Wired network	
Protocol stacks	TCP/IP, IPv4/IPv6
Network print applications	Port 9100, LPD, SMB, IPP
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)
Certifications	IPv6- Ready Logo (from UNH- IOL lab)
Directory Service & Address book (for mfp)	Active Directory, Open LDAP (TBD), Quick Search Address Book
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
Directory service & address book (for mfp)	Active Directory, Open LDAP Simple
Compliant standard	802.11 b/g/n
Bands	2.4GHz
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
Print languages and fonts	Languages: PCL 5e, PCL 5C, PCL 6, XPS (host based); fonts: HP PCL® 6 Emulation: 80 scalable fonts
Security Print Job Management	Secure Print with 4 Digit Pin, Virtual Mail Box, Print Job disable/enable scheduling-Driver, Printing disable on Printer-Printer EWS Control
Storage media security management	Not supported
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. Feature Lock such as lock of Copy, Scan, Fax, USB host printing)
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
FAX security	Yes (Secure FAX received)
Lock type and location	Kensington lock slot for printer, Kensington lock slot for primary input tray, Kensington lock slot for optional secondary input tray, Kensington lock slot for Accessories (memory, Wireless stick)
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); Dual pack: 3 000 pages x 2 units (mono only)
Toner recycling	Dell's Recycling Program (details included in product) Common toner cartridges for Dell 2150 and 2155 colour laser printers

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)
Environmental compliance and other certifications/compliances	EUP Tier 1 (2010) requirement; RoHS-compliant ⁵ ; Energy Star [®] (2155cdn model only); Blue Angel (Germany); JITC testing (per current requirement) for US FED on IPv6 compliance; GS Mark (Germany) Section 508

Printer management

Dell OpenManage™ Printer Manager; 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	2-5 years Next Business Day On-site Service after Remote Diagnosis, 1-5 years Dell ProSupport™

Printer options and accessories

250 sheet input drawer, wireless printer adapter, 512 MB Memory DIMM

Physical specifications

Dimensions (W x D x H)	<i>Printer:</i> 436 mm x 535 mm x 579.6 mm; <i>Shipping:</i> 685 mm x 587 mm x 748 mm
Available input tray options	250 sheets drawer
Weight	<i>Printer:</i> 30 kg with duplexer; <i>Shipping:</i> 36.5 kg with duplexer
Operating environment	Temperature: 5°C to 32°C; (Print Quality Guarantee : 15 to 28°C) Relative humidity: 15% to 85% RH, (Print quality guarantee: 20 to 70% RH) non-condensing; Altitude: ≤ 3 100 m. above sea level.
Storage (packaged)	Temperature: -20 to 40°C; Relative humidity: 5 to 90% RH; Altitude: ≤ 15 000 m. above sea level.
Acoustics ⁶	
Average sound pressure	<i>Printing (simplex mode):</i> Sound pressure, operator position ($L_{pA(m)}$): colour 6.79 B, mono 6.71 B; <i>Standby mode:</i> (L_{wAd}): 4.3 B
Voltage	
230 vac models:	220 to 240 vac, 50 ± 3 Hz / 60 ± 3 Hz nominal
Power consumption	<i>Standby mode:</i> 52 W/h; <i>Power Saver mode:</i> Save mode: ≤ 17 Wh/h; deep sleep: ≤ 12 Wh/h
(Energy Star [®] -compliant)	<i>Off:</i> 0 W/h; <i>Continuous printing:</i> 520 Wh/h
Typical energy consumption ⁷	2.77 kWh/week (TEC 230V)
Maximum current consumption:	10A @ 110V-127V, 5A @ 220V-240V
Power Save options	User definable 5 - 30 mins. (default 5 mins.)

Contents in box

Dell 2155cn/cdn Colour Printer, Installation Software CD (Printer Driver & Dell Supplies Management Software), Dell 2155cn/cdn Ship-With Black Cartridge (1 200 page yield FN), Dell 2155cn/cdn Ship-With Colour Cartridges (1 200 page yield FN), Power Cord, Placemat, Product Information Guide, 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.