



## DELL 2135cn MULTIFUNCTION COLOUR LASER PRINTER



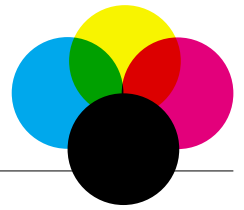
OUTSTANDING QUALITY COLOUR LASER PRINTING PLUS COPYING, SCANNING AND FAXING IN A SINGLE DEVICE THAT SAVES YOU MONEY, TIME AND SPACE

Designed with small offices and small workgroups in mind, the Dell 2135cn Multifunction Colour Laser Printer offers an affordable price and low total cost of printing. It produces brilliant colour output, helps you get more done in less time, saves office space and reduces power consumption thanks to the integration of all the functions you need in a single, networked device.

With market-leading print technologies, the Dell 2135cn delivers crisp, professional documents with true-to-life colours. Unique advantages of the 2135cn include the ability to continue printing in black-and-white when colour toner has run out. The 2135cn is easy to use and manage and lets you control user access to colour printing; it is backed by a comprehensive, industry-leading warranty extendable to up to five years; and offers broad recycling options to help you protect the environment.

Further details on our products at [WWW.EURO.DELL.COM](http://WWW.EURO.DELL.COM)

# DELL 2135cn MULTIFUNCTION COLOUR LASER PRINTER



## PRODUCT BENEFITS

### MORE EFFECTIVE COMMUNICATION

With high 600 x 600 dpi native resolution and up to 2400 Image Quality, the 2135cn delivers crisp, professional documents and true-to-life colours. Cutting-edge print technologies further enhance output quality: the printer analyses document content to correct colour space and image balance automatically, whilst advanced emulsion aggregation toner not only improves the quality but also accelerates printing and uses less power during the fusing process.

### IMPROVED PRODUCTIVITY AND BETTER COLLABORATION

The 2135cn lets you easily perform tasks that previously required separate devices – offering the same or better functionality. The powerful 1200 x 1200 dpi optical resolution scanner, combined with the PaperPort 11 software, lets you archive office documents in digital format. The high-speed fax can be used standalone or via the network. The standard network connectivity allows printer access to be shared by multiple users. With its high print speed of up to 12 colour or 16 monochrome pages per minute and monthly capacity of up to 40 000 printed pages, the 2135cn will easily handle the requirements of both individual users and small workgroups.

### EASE OF USE

Operating the 2135cn is straightforward thanks to the large LCD display as well as the dedicated keypad, useful during copying and faxing. Replacing cartridges in the easy-to-access side toner compartment is a snap.

### SIMPLE MANAGEMENT AND EFFORTLESS MAINTENANCE



Using the familiar browser interface, the Dell Printer Configuration Web Tool makes managing the 2135cn simple and intuitive. The Dell ColourTrack2 tool gives you total control over who can print in colour, and how much. Dell Toner Management System alerts you of low toner levels. However, should any of the colour toners run out, the 2135cn offers a unique capability to continue printing in black-and-white. Reordering toner is as simple as a few clicks at the dedicated Dell website [www.dell.com/supplies](http://www.dell.com/supplies), or you can order from a selection of preferred reseller partners.

### LOW TOTAL COST OF PRINTING

The 2135cn multifunction printer eliminates the costs of purchasing, powering, operating and maintaining separate devices to perform the various document related tasks. It can also eliminate the costs of outsourced colour printing, copying and scanning. Combining low acquisition price with affordable mono and colour cost per page, the 2135cn offers a low total cost of printing.

### ENVIRONMENTAL FRIENDLINESS



The 2135cn's paper drawer supports the use of recycled paper. The "N-Up" multiple-sheet feature reduces paper consumption by enabling the printing of multiple pages on a single sheet of paper. The 2135cn has received both Blue Angel and Energy Star eco-label certifications. On average, Energy Star qualified imaging equipment is 25% more efficient than conventional models according to US Environmental Protection Agency (source: [www.energystar.gov](http://www.energystar.gov)). As all Dell printers, it has also been designed to reduce the use of materials and eliminate hazardous materials. Dell printer users can return toner cartridges to Dell for recycling at no cost. Dell also helps customers dispose of old printers and other computer equipment in an environmentally friendly manner.



Control panel view



Top View



Rear View



Connectivity



Toner cartridge access (side view)

## GET THE MOST OUT OF YOUR DELL PRINTER WITH GENUINE DELL OPTIONS AND SUPPLIES

### Toner cartridges

Dell 2135cn black standard toner cartridge (capacity approximately 1000 pages)  
Dell 2135cn cyan, magenta or yellow standard toner cartridges (capacity approximately 1000 pages each)  
Dell 2135cn black high capacity toner cartridge (capacity approximately 2500 pages)  
Dell 2135cn cyan, magenta or yellow high capacity toner cartridges (capacity approximately 2500 pages each)  
*Black and colour toner yield based on testing in accordance with ISO/IEC 19798. Yields vary with usage and environmental conditions.*

### Additional memory

An optional 256 MB memory module is available for this multifunction printer. The Collate function may require optional extra memory for complex documents: additional memory may also speed the processing of large/complex print files, or networked print files

### Connectivity

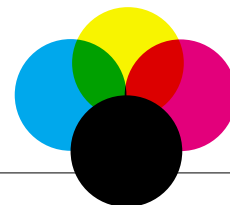
Dell 3 m Ethernet cable  
Dell 3 m USB cable

### Service and support

Installation service available  
Next Business Day onsite service options, extendable to 5 years



# DELL 2135cn MULTIFUNCTION COLOUR LASER PRINTER



## Product description

Functionality

## Networked colour multifunction laser printer for individual or small workgroup use

Fast, high-quality colour printing, copying, scanning and mono fax in one economical and space-saving device

## Print specifications

Print speed - colour <sup>1</sup>	Up to 12 A4 pages per minute (ppm)
Print speed - monochrome <sup>1</sup>	Up to 16 A4 pages per minute
Warm-up time	30 seconds or less from power-on to 'Ready' state on LCD operator panel
First page out time from 'Ready' state	(Simplex A4, 600 dpi) monochrome, 21 seconds or less; colour, 24 seconds or less
Print resolution	600 x 600 dpi
User interface	4 line x 20 character backlit LCD text, 4 button / 5 way cursor keypad, 13 numeric and pause keys
Data streams	PCL <sup>®</sup> 5e, PCL 6
Processor speed	400 MHz
Memory (RAM)	128 MB standard, optional 256 module (384 MB maximum)
Read-only Memory (ROM)	16 MB (programs)
Duty cycle	Maximum 40 000 pages per month
Typical Monthly Print Volume	250 to 2500 pages per month

## Scan specifications

Mode	Flatbed or ADF (Automated Document Feeder)
Optical resolution	Up to 1200 x 1200 dots per inch (dpi)
Scan depth	Colour, 24 bit: mono, 1 bit (line art) or 8 bit greyscale
Scan size	Flatbed maximum 216 x 297 mm, via ADF 216 x 355 mm
Network scanning facilities	E-mail, client, server
Scan formats supported	TIFF, JPEG, PDF
Scanner duty cycle	850 pages per month

## Copy specifications

Available copy modes	Text/Photo, Text, Photo
Warm-up time	30 seconds or less from power-on to 'Ready' state on LCD operator panel
First copy out time from 'Ready' state	(Simplex A4, 600 dpi) monochrome, 21 seconds; colour, 30 seconds
Copy speed <sup>1</sup>	Single-page document, 600 x 600 dpi: mono up to 16 ppm A4, colour up to 12 ppm A4 Multiple-page document from ADF, 600 x 600 dpi: mono up to 13 ppm A4, colour up to 7 ppm A4
Copy settings	Number of copies (1 to 99), Colour/Monochrome, Reduce/Enlarge, Multiple-Up, Collate
Maximum copies	99
Zoom	25% to 400%

## Fax specifications

Mode	Standalone mono fax with numerical keypad, PC fax
Compatibility	ITU-T Super G3, ITU-T G3 ECM, ITU-T G3
Communication System	PSTN, PBX, Leased line (3.4 kHz/2-wire)
Speed	33.6 Kbps
Speed Dial	Up to 200 locations
Memory Size	4 MB

## Automatic Document Feeder (ADF) specifications

Capacity	35 sheets, paper weights 50 to 125 gsm
Supported paper sizes	Fast scan direction - maximum 216 mm, minimum 140 mm Slow scan direction - maximum 355 mm, minimum 140 mm

## Paper handling

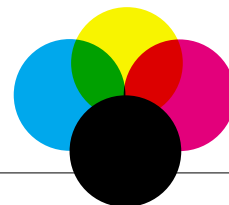
Standard input sources	250 sheet covered drawer, single sheet multipurpose feeder
Duplex facility (print both sides)	Manual duplex supported on printer driver
Standard output destination	150 sheet bin
Supported media types, sizes and paper weights	Media types supported: Plain, Plain-Thick; Covers, Covers-Thick; Envelope, Coated, Coated Thick, recycled paper Preset paper sizes available: A4, B5, A5, US Letter, Executive, Folio, Legal - all short edge fed Envelope sizes: DL, C5, Com-10, Monarch - short edge fed <sup>2</sup> Custom paper sizes: Width 76 to 216 mm (maximum width 220mm for DL envelope long edge feed), length 127 to 355 mm (minimum length 98 mm for envelope). DL and Monarch envelopes can be supported by long edge feed with flap opened Paper weights supported: 60 to 215 gsm
- Standard 250 sheet drawer	Same preset paper sizes as standard drawer (custom paper sizes excluded). Paper weights supported 60 to 215 gsm
- Single sheet feeder	Portrait or landscape orientation, multiple copies, multipage printing (N-up), booklet printing, watermarks, overlays
Page layout options	Maximum printable area 208 mm x 347 mm
Printable area	Top, 4 mm; bottom, 4 mm; left, 4mm; right, 4 mm
Edge of paper margins	

## Connectivity

Interfaces	USB 2.0 High speed port (type B connector), Ethernet 10/100 BaseT port (cables not included)
Print languages and fonts	HP PCL <sup>®</sup> 5e/6 emulation, 81 fonts
Client Operating Systems (OS)	Windows <sup>®</sup> Vista™ (32 and 64 bit), Microsoft <sup>®</sup> Windows XP SP1-2, XP 64 bit, 2000 SP2-4, Server 2003 SP1, Server 2003 x64, Server 2008, Server 2008 x64
Network Operating Systems (OS)	Microsoft <sup>®</sup> Windows 2000 SP2-4, Server 2003 SP1, Server 2003 x64, Server 2008, Server 2008 x64 <i>Latest printer drivers available from <a href="http://support.euro.dell.com">http://support.euro.dell.com</a></i>
Transport/Network protocols	TCP/IP & UDP/IP (LPD, Port9100, HTTP, RARP, AutolP, SMTP, SNMP, DHCP, BOOTP), FTP (Scan only), SMB (Scan only)



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## 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 Consumables Management System™. Dell ColourTrack™ 2.1 network software (included) permits setting up of user access printing rights and print quotas in monochrome and colour
Shipped toner cartridge capacity <sup>3</sup>	The printer ships with high capacity black toner cartridge (approximately 2500 pages yield) and standard capacity (approximately 1000 pages each) cyan, magenta and yellow toner cartridges
Standard toner cartridge capacity <sup>3</sup>	Standard toner cartridges (black, cyan, magenta and yellow) are approximately 1000 pages each
High capacity toner cartridge <sup>3</sup>	High-capacity toner cartridges (approximately 2500 pages) available in black, cyan, magenta or yellow
Additional toner	Available through Dell online, by telephone or through your selected reseller
Additional consumables	A replacement imaging drum will be required after approximately 24 000 printed pages
Toner recycling	Toner cartridges are recyclable using Dell's recycling programme, details of which are included with each product

## Language and regulatory certifications

Language support	<i>Softcopy user guide on driver CD, printer software</i> English, French, Italian, German, Spanish, Dutch, Danish, Norwegian <i>Printer firmware (including LCD operator panel) and embedded web software</i> English, French, Italian, German, Spanish, Dutch <i>Basic set-up and product safety instructions</i> Arabic, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Norwegian, Polish, Portuguese (Iberian), Romanian, Russian, Spanish, Swedish, Turkish
Safety certifications	IEC/EN60950-1:2001 (International); IEC60825-1 (Laser); CE Mark (EU); NEMKO(Nordic); GS Mark (Germany); GOST and Hygienic (Russia); SASO (Saudi Arabia); SABS (South Africa); UL/cUL Listed (UL60950-1 US/Canada); FDA/DHHS (21CFR, Chapter 1, Subchapter J, Class-1 Laser, US); other safety approvals required by individual countries
EMC certifications	EN55022:2006; EN61000-3-2:2000+A2:2005; EN 61000-3-3:1995+A1:2001; EN55024:1998+A1:2001+A2:2003; FCC CFR Title 47, Part 15 Class B (USA); ICES-003, Issue 4 (Canada); CE (EU countries); GOST (Russia); SABS (South Africa); A-tick (Australia)
Other certifications and compliances	WHQL, Printer MIB, RoHS <sup>4</sup> , Energy Star <sup>®</sup> -compliant, Blue Angel (Germany), SAP, Novell <sup>®</sup> Yes Certification, Citrix <sup>®</sup> Metaframe Presentation Server 4.0 / 4.5 (Windows Server 2000/2003 running Terminal Services/Server)
Printer recycling	Details of Dell's printer recycling programme are included with each new printer (applies to Western Europe only)

## Printer management

Compatible printer management software	Dell Printer Configuration Web Tool; Dell Colour Track™ 2.1 and Dell Toner Management System™, HP Openview, CA Unicenter, IBM Tivoli, Printer MIB
Included software	Nuance PaperPort document management software version 11 (software and documentation in English, French, Italian, German, Spanish and Dutch); Dell Printer Configuration Web Tool; Dell Colour Track™ 2.1 and Dell Toner Management System™

## Printer options and accessories

Additional memory	An additional 256 MB memory module is available for this multifunction printer Additional memory may speed the processing of large/complex print files, or networked print files
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## Service options

Standard Service	24 x 7 online Technical Support for the life of the product 12 months access to Dell's telephone technical printer support queue 12 months Next Business Day onsite service <sup>5</sup>
Fuser maintenance	Dell Laser Printer next business day service includes fuser maintenance parts and part replacement for the duration of the service contract
Service Options	Two, three, four and five-year extended service options available Upgrades available to one, two, three, four and five-year Dell Business Support Optional installation service available

## Physical specifications

What's included in the box	Dell 2135cn Multifunction Colour Laser Printer, Installation software and manuals CD (Printer driver, Dell Toner Management Software, owner's manuals in multiple languages), Dell 2135cn black toner cartridge (2500 page yield <sup>3</sup> ), Dell 2135cn colour toner cartridges (1000 page yield <sup>3</sup> ), setup placemat, hardware recycle program label and instructions
Dimensions (mm)	Printer: 436 mm W x 497 mm D x 580 mm H Shipping carton: 653 mm W x 593 mm D x 741 mm H
Weight	30 kg including standard toner cartridges; shipping weight 35 kg
Operating environment	<i>Operating:</i> air temperature 10°C to 32°C, Relative Humidity 15-85% non-condensing, altitude 3100 m or less <i>Storage (packaged):</i> air temperature 0°C to 35°C, Relative Humidity 15-80%, altitude 3100 m or less
Acoustics <sup>6</sup>	<i>Printing (Simplex Mode):</i> Sound Pressure, Operator position (LpAm) 58 dBA Sound Pressure, Bystander position (LpAm) 53 dBA Average Sound Power (LWAm), declared 6.46 Bels (64.6 dB) <i>Standby Mode:</i> Average Sound Power (LWAm), declared 4.0 Bels (40 dB)
Voltage	220-240 v AC, 47 to 63 Hz nominal. Power cord included with shipped printer.
Power consumption	Continuous printing 310 W average; Standby mode 37 W average; Powersaver mode 17 W; Off 0.3 W
Typical energy consumption	3.14 kWh per week <sup>7</sup> . Energy Star <sup>®</sup> -compliant - see <a href="http://www.energystar.gov/ia/products">http://www.energystar.gov/ia/products</a>
Maximum current while printing	5 A at 230 v AC
Power Save options	User-definable - 5-60 minutes (default 5 min)

## NOTES

- 1 Print speed quoted refers to A4 page using default print mode (600 x 600 dpi simplex). Actual print speed may vary depending upon system configuration, software application and document complexity.
- 2 Envelope printing results may vary based on environmental conditions and the type of envelopes that are used
- 3 Black and colour toner yield based on testing in accordance with ISO/IEC 19798. Yields vary with usage and environmental conditions.
- 4 Meets the requirement of the EU Directive on the restriction of use of certain hazardous substances in electrical and electronic equipment dated 27 January 2003
- 5 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.
- 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 The Typical Energy Consumption value is derived from printer energy consumption specifications combined with typical business printing usage for this model. The midpoint of the Typical Monthly Print Volume is assumed to be printed at 30 minute intervals across a 10 hour business day (0800-1800), 5 days per week. A mixture of 50% mono: colour print is assumed. The printer enters standby mode when the print job is complete, and enters sleep mode after the default period. The printer is assumed to remain in sleep mode at all other times including two weekend days. Energy consumption will be further reduced if the printer is powered down when not in use for long periods. Actual energy consumption will vary according to print volume and usage patterns.

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