

Dell Colour Laser Printer 5110cn

Key Features

- Dell's fastest colour laser printer
- Ideal for departmental or large workgroup use
- Duplex unit (print both sides) as standard
- Crisp output quality in stunning colour at 600 x 600 dots-per-inch – up to 2400 Image Quality

Productivity

- High-performance – print speed up to 35 A4 pages per minute in colour, 40 ppm in monochrome
- Easy to use graphical LCD front panel
- Wide range of supported media including labels, envelopes, cardstock and transparencies
- Wide range of optional accessories to maximise printer productivity
- Low running costs, with optional high-capacity toner cartridges for optimal cost-per-page
- Robust 95,000 pages per month duty cycle

Connectivity

- Ethernet networking, Parallel port and USB 2.0 connectivity as standard
- Wide range of supported Operating Systems
- Localised printer driver and documentation available in 12 European languages (English, French, Italian, German, Spanish, Danish, Dutch, Finnish, Norwegian, Polish, Portuguese and Swedish)

Environmental Benefits

- Each new Dell printer includes full instructions on how to dispose of your old printer quickly, safely and at no charge, using an approved recycling facility



The Dell Colour Laser Printer 5110cn offers outstanding performance to meet the needs of small or large businesses. A fast, high-quality colour laser printer, the 5110cn includes networking and double-sided print capability as standard. Robust specifications include print speeds up to 35 ppm A4 colour and 40 ppm A4 monochrome, up to 95,000 page monthly duty cycle and 2150 page input capacity. Running costs are low with very competitive cost per page in both monochrome and colour print modes, with duplex print capability as standard to minimise paper costs.

From installation to management, the Dell 5110cn is easy to use. Manage Dell network printers remotely with the Dell Printer Configuration Web Tool™. New advanced Dell ColourTrack™2 software allows the network administrator to specify and control access to monochrome and/or colour printing output, allowing improved control over printing costs. Dell's Toner Management System™ actively alerts you when toner levels are running low and cartridges are due for replacement. The 5110cn comes standard with one year of Next-Business-Day On-site Service provided by Dell's award-winning service and support staff.

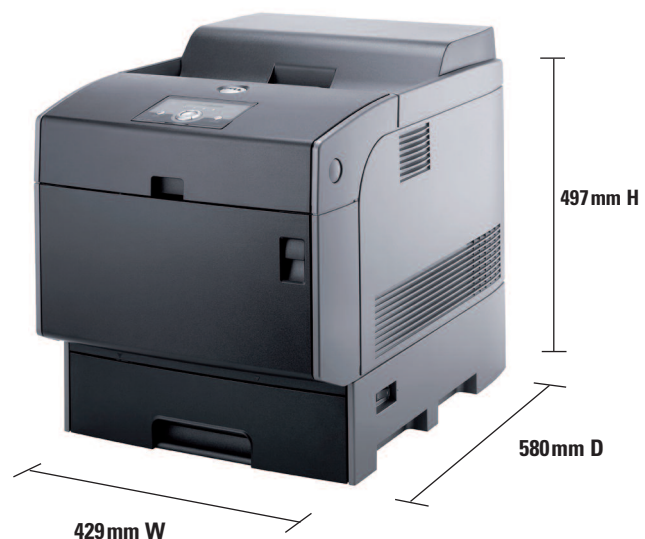
Dell makes it easy to get more out of printers

Easy to own

- Quick setup, easy installation and configuration with Web-based Dell Printer Web Tool™
- Supports standard Printer MIB specification for network compatibility with leading printer management software
- 12 months' Next Business Day (NBD) on-site service as standard with extended warranty service options available
- You can use the Dell Online Support site for the most up-to-date drivers, knowledge base articles and technical information about your printer

Maximise Productivity

- Dell Toner Management System™ automatically monitors level of toner and consumables
- LCD operator panel displays toner level and status of other consumables
- Dell ColorTrack™ 2 delivers advanced colour control management features including designation of colour/monochrome printing, setting print volume and usage tracking on an individual or workgroup basis
- High-performance – print speed up to 35 A4 pages per minute in colour, 40 ppm in monochrome



Dell Colour Laser Printer 5110cn

Features Description

Product description	High-speed networked colour laser printer for workgroup or departmental use
Printer specifications	
Print speed¹	Colour up to 35 A4 pages per minute (ppm), monochrome up to 40 A4 pages per minute (600 x 600 dpi)
First page out time	From 'Ready' state (Simplex A4, 600 dpi, monochrome or colour) 16 seconds or less. From 'Power Saver' mode (Simplex A4, 600 dpi, monochrome or colour) 61 seconds or less. From 'Power On, 45 seconds to 'Ready' state on LCD panel
Print resolution	600 x 600 dpi - up to 2400 Image Quality
User interface	2 line x 16 character backlit LCD text, 2 button / 5 way cursor keypad
Data streams	PCL® 6 emulation (includes PCL 5e), PostScript® 3 emulation, 32 bit and 64 bit
Processor	400 MHz
Memory (RAM)	128 MB standard, 1152 MB maximum
Memory expansion	Up to 1024 MB available for optional memory extension in one 200 pin DDR2 DIMM slot
Printer disk storage	An optional 40 GB printer disk is available, for local storage of fonts, forms and frequently printed documents (where supported by application software)
Duty cycle	Maximum 95 000 pages per month
Typical Monthly Print Volume	2000 to 7000 pages per month
Paper Handling	
Standard input sources	150 sheet multipurpose tray, 500 sheet covered drawer
Additional input drawers	Up to two optional drawers can be fitted (1 x 500 sheet, 1 x 1000 sheet), stacked vertically
Maximum input capacity	2150 sheets (150 multipurpose tray standard + 500 sheet drawer standard + optional 500 sheet drawer + optional 1000 sheet drawer)
Duplex option (print both sides)	Standard
Maximum output capacity	250 sheets
Media Types Supported	
Multipurpose tray	Paper or coated paper, transparencies, labels, envelopes, cardstock. Sizes supported: A4, B5, A5 - Envelopes DL, C5. Custom size: 89 mm to 216 mm (W), 140 mm to 356 mm (L), paper weight 60 to 215 gsm
Standard 500 sheet drawer	A4, B5, A5: paper weight 60 to 160 gsm
Optional 500 sheet drawer	A4, B5, A5: paper weight 60 to 160 gsm
Optional 1000 sheet drawer	A4, B5, A5: paper weight 60 to 160 gsm
Duplex unit (print both sides)	A4, B5, A5: Custom size: 89 mm to 216 mm (W), 140 mm to 356 mm (L), paper weight 65 to 160 gsm
Page layout options	Portrait or Landscape orientation, multiple copies, duplex printing (print both sides), multipage printing (N-up), booklet printing, watermarks, overlays
Printable area	Maximum printable area 208 mm x 347 mm
Edge of paper margins	Top, 4 mm; bottom, 4 mm; left, 4 mm; right, 4 mm
Connectivity	
Interfaces	Hi-Speed USB 2.0 port, Ethernet 10/100 BaseT port, IEEE 1284 Parallel Port (cables not included)
Print languages and fonts	HP PCL® 5e/6 emulation, 81 fonts; Adobe® PostScript® 3™ emulation, 136 fonts
Client Operating Systems (OS)	Microsoft Windows® Vista™, Vista x64, Microsoft® Windows XP SP1-2, XP 64 bit, NT 4.0 SP6a, 2000 SP2-4, Server 2003 SP1, Server 2003 x64, Mac OS X, UNIX® (Solaris™ 10, HP-UX11i), Linux (Red Hat® 8/9, SuSE 9, TurboLinux 10)
Network Operating Systems (OS)	Microsoft Windows® Vista™, Vista x64, Microsoft® Windows NT 4.0 SP6a, 2000 SP2-4, Server 2003 SP1, Server 2003 x64, UNIX® (Solaris™ 10, HP-UX11i), Linux (Red Hat® 8/9, SuSE 9, TurboLinux 10), Netware Ver 3-6.5 <i>Latest printer drivers available from http://support.euro.dell.com</i>
Network protocols	TCP/IP & UDP/IP (LPD, Port9100, IPP), SMB ² , Netware v5 and above, FTP, HTTP, HTTPS ³ , RARP, AutoIP, WINS ⁴ , SMTP, FTP, DDNS ⁵ , SNMP, DHCP, BOOTP (mDNS ⁶); NetBEUI (SMB ⁷); Netware P-server ⁸ ; Ethernal ⁹ ; AppleTalk ¹⁰
Wireless options	Dell Wireless Printer Adapter 3310 USB ² - IEEE 802.11b/g. Security Protocols: WPA - PSK (TKIP or AES), WEP (64 bit and 128 bit)
Consumables	
Toner management	Features include toner level reporting, low toner alerts, auto-generated alert e-mails, toner conservation and the Dell Toner Management System™
Shipped toner cartridge capacity²	Standard capacity black toner cartridge (approximately 10 000 pages) and one each of cyan, magenta and yellow colour toner cartridges (approximately 8000 pages each)

Standard capacity toner cartridge³	Standard capacity black toner cartridge is approximately 10 000 pages and colour toner cartridges (cyan, magenta and yellow) are approximately 8000 pages each
High capacity toner cartridge³	High capacity black toner cartridge is approximately 18 000 pages and colour toner cartridges (cyan, magenta and yellow) are approximately 12 000 pages each
Additional toner Toner recycling	Available through Dell online or by telephone Toner cartridges are recyclable using Dell's recycling programme, details of which are included with each product
Additional consumables	An imaging drum and a bias transfer roller are shipped with each new printer; replacement of both items will be required after approximately 35 000 print impressions (may vary with usage and environmental conditions). Both are combined into one consumable package, available through your Dell supplies order point
Languages and regulatory	
Printer firmware, LCD operator panel	English, French, Italian, German, Spanish, Danish, Dutch, Finnish, Norwegian, Polish, (Iberian) Portuguese, Swedish
Printer software	English, French, Italian, German, Spanish, Danish, Dutch, Finnish, Norwegian, Polish, (Iberian) Portuguese, Swedish
User documentation	<i>Basic set-up and safety instructions</i> English, French, Italian, German, Spanish, Czech, Danish, Dutch, Finnish, Norwegian, Polish, Swedish, Portuguese (varies by destination country) <i>Hardcopy user manual</i> in English, French, Italian, German, Spanish (varies by destination country), <i>Softcopy Quick Reference Guide on driver CD</i> in English, French, Italian, German, Spanish, Danish, Dutch, Norwegian, Swedish
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); SII (Israel); UL/cUL listed (UL60950-1 US/Canada); FDA/DHHS (21CFR, Chapter 1, Subchapter J, Class-1 Laser, US); NOM (Mexico)
EMC certifications	CE mark (EU countries) [EN55022:1994 Class B+A1:1995+A2:1997; EN61000-3-2:2000; 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); GOST (Russia); SABS (South Africa); C-Tick (Australia)
Other certifications and compliances	WHQL, Printer MIB, RoHS compliant ⁴ , Energy Star®-compliant, SAP, Novell Yes Certification, Section 508, Citrix Metaframe XP Presentation Server, Citrix Metaframe Presentation Server 3.0, Citrix Metaframe XP 1.0 (Windows Server 2000/2003 running Terminal Services/Server)
Printer management	
Compatible printer management software	Dell OpenManage™ Printer Manager ⁵ , Dell Printer Configuration Web Tool; Dell ColourTrack™ 2 and Dell Toner Management System™ HP Openview, CA Unicenter, IBM Tivoli, Printer MIB
Service options	
Standard Service	24 x 7 online Technical Support, 12 months Next Business Day onsite service ⁶ and 12 months Telephone Technical support.
Service Options	Two, three, four and five-year extended service options available. Upgrades available to one, two, three, four and five-year Business Support. Optional installation service available.
Fuser maintenance	Dell Laser Printer next business day service includes fuser maintenance parts and part replacement for the duration of the service contract
Physical specifications	
Dimensions	<i>Printer:</i> 429 mm W x 580 mm D x 497 mm H. <i>Printer 'fully configured' (including optional 500 sheet and 1000 sheet drawers):</i> 580 mm W x 689 mm D x 900 mm H <i>Shipping carton:</i> 880 mm W x 857 mm D x 646 mm H
Weight	32.4 kg including standard toner cartridge; shipping weight 43.5 kg (slight variations depending upon versions of manuals shipped with printer)
Operating environment	<i>Operating:</i> air temperature 5°C to 32°C. Relative Humidity 15-85% non-condensing, altitude 3100 m or less. <i>Storage (unpacked):</i> air temperature 0°C to 35°C. Relative Humidity 15-80%, altitude 3100 m or less
Acoustics	<i>Printing (Simplex mode):</i> Average Sound Power (LWAm), declared ⁷ 6.8 Bels (68.0 dB) <i>Standby Mode:</i> Average Sound Power (LWAm), declared ⁷ 5.0 Bels (50 dB)
Voltage	220-240 v, 47 to 63 Hz nominal. Power cord included with shipped printer
Power consumption	Continuous printing 600 W; Standby mode 45 W; Powersaver mode 5 W or less; Off 0 W. Energy Star®-compliant
Maximum current while printing	5.0 A at 230 v AC
Power Save options	User-definable - 5-60 minutes (default 5 min)

Notes

¹ Print speed quoted refers to single-sided A4 page using default print mode (600 x 600 dpi). Mono speed based on 'Black' output mode and colour speed on 'Colour' output mode. Actual print speed may vary depending upon system configuration, software application and document complexity.

² Requires optional multi-protocol card.

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 Dell OpenManage™ Printer Manager software is available in English only

⁶ 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.

⁷ Service timing dependent upon time of day call placed to Dell. Defective unit must be returned. Replacements may be refurbished.

⁸ 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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