



The Dell 5230dn laser printer



High performance, robust and expandable monochrome laser printer for large workgroups

Improve workgroup productivity with this robust and flexible printer that makes high performance monochrome laser printing affordable for mid to large organizations. The hardworking Dell 5230dn delivers printing at speeds of up to 43 pages per minute (ppm)¹ mono (A4) (actual print speed will vary with use) and a robust maximum monthly duty cycle of up to 200 000 pages. And with a true print resolution of up to 1200 x 1200 dpi, the Dell 5230dn produce razor sharp prints for both business graphics and text.

Provide convenient high performance printing to everyone in a workgroup with the networking capabilities of the Dell 5230dn. Increase productivity by choosing from a wide selection of input and output devices like additional paper trays and high-capacity feeders, envelope feeders and output expanders, wireless/Gigabit internal cards, or additional memory power to equip your expanding business for the most demanding high-capacity printing with the Dell 5230dn.

High-speed performance with excellent total cost of printing – the Dell 5230dn monochrome laser printer.

Dell 5230dn laser printer



Product benefits

Low total cost of printing

Get superb performance for the initial investment in the Dell 5230dn; then, over time, you can realise exceptional value as well. Factor in Dell's reliable, outstanding printer support, and it's clear the Dell 5230dn is a smart investment.

Flexible and expandable

Expand your printers as your organisation's needs evolve with a rich set of optional input and output paper handling options. Additional paper accessories include up to three 550 sheet input paper trays, a 2 000 sheet high capacity feeder, an optional envelope feeder, a 1 850 sheet stacker, a 550 sheet expander, a five-bin mailbox that offers five output destinations and a finisher that can staple up to 50 sheets.

High speed performance

With the Dell 5230dn you can get excellent laser printing technology which delivers at high performance print speeds of up to 43 pages per minute (ppm) mono (A4) (actual print speed will vary with use). And with a true print resolution of up to 1200 x 1200 dpi, and a maximum monthly duty cycle of up to 200 000 pages per month or optional high-capacity 21 000² page toner cartridge, the Dell 5230dn is a robust performer you can rely on to produce documents that always look sharp.

Solid warranty and exceptional service

Should your Dell 5230dn need service, Dell's standard 1 Year Next Business Day On-Site Service after Remote Diagnosis³ can help get your printer up and running again promptly. Protect your investment even longer with an optional Limited Hardware Warranty extension for a total of up to five years.

Enjoy fuser maintenance kit replacement for the life of your warranty. Unlike other brands, Dell includes a fuser maintenance kit in our Limited Hardware Warranty³ to help save you from high replacement costs.

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 5230dn has 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



5230dn mono laser printer



Extra input and output paper accessories



550 sheet input tray



Bin mailbox

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

Toner cartridges²	Dell 5230dn black toner cartridge standard capacity: approximately 7 000 pages; or high capacity: approximately 21 000 pages	
Memory (RAM)	128 MB standard, 640 MB maximum; one DIMM slot available for optional 128 MB, 256 MB, or 512 MB memory module	
Connectivity	Standard: Ethernet 10/100 Base T; one rear USB 2.0 (high speed); one front full speed USB-A host port; one available internal solution port (cables not included); Optional: 1284-B Card parallel interface Serial RS232 card serial interface Internal Gigabit Ethernet print Server 802.11b/g/n wireless print server	
Optional application solutions	Print encryption card Font and barcode cards IPDS/SCS/The card	
Optional paper handling and furniture	Up to three 550 sheet input paper trays 2 000 sheet high capacity feeder Envelope feeder 1 850 sheet stacker 550 sheet expander	5-bin mailbox that offers five output destinations and supports up to 100 sheets per bin Staple finisher that is able to staple up to 50 sheets Caster base 12.7 cm spacer
Local disk	Optional 80 GB hard disk	
Service and support³	1 Year Next Business Day On-Site Service after Remote Diagnosis; Optional: extended service options available during term of warranty for up to four years	

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Product description

Networked monochrome laser printer offering high performance, robust reliability and a wide variety of expandability options in a single function printer.

Printer specifications

Print speed ¹	Up to 43 A4 pages per minute (ppm) mono (actual print speed will vary with use)
First page out time	
From ready state	As fast as 7.5 seconds
Print resolution	600 x 600 dpi (printer default), 1200 dpi Image Quality (driver default), maximum 1200 x 1200 dpi, 2400 dpi Image Quality
User interface	4 line backlit LCD, one two toned LED (green, red) and a 20 button keypad
Data streams	PCL® 5e Emulation, PCL 6 Emulation, xHTML, Personal Printer Data Stream (PPDS), XPS and PostScript® Level 3 Emulation
Processor	500 MHz
Memory (RAM)	128 MB standard, 640 MB maximum using optional 512 MB memory module
Memory expansion	One DIMM slot available for optional 128 MB, 256 MB, or 512 MB memory module
Maximum duty cycle	Up to 200 000 pages per month
Recommended monthly print volume	3 000 - 15 000 pages per month

Paper handling

Standard input sources	250 sheet covered tray and 100 sheet multipurpose tray
Additional input capacity	Up to 3 x optional 550 sheet tray + 2 000 sheet high capacity feeder
Maximum input capacity	4 000 sheets (250 sheet tray + 100 sheet multipurpose tray + 3 x optional 550 sheet tray + 2 000 sheet high capacity feeder)
Duplex unit	Automatic duplex unit (print both sides) included as standard
Standard output destination	350 sheet bin Maximum output capacity: 2 750 sheets (350 sheet tray + 1 optional 550 sheet output expander + 1 850 sheet output stacker)
Envelope feeder	Up to 85 envelopes

Supported media types, sizes and paper weights

Media types supported	Card stock, envelopes (smooth), paper labels, plain paper, transparencies, bond, letterhead, preprinted, coloured paper, custom, light/heavy, rough/cotton, recycled
Media size and weight	<i>Media and size:</i> A4, A5, A6, JIS B5, US letter, US legal, executive, folio, statement, universal, B5/C5/DL envelope, 7 3/4 envelope (Monarch), 9 & 10 envelope, Oficio (Mexico). <i>Paper:</i> 60 - 135 g/m ² ; <i>Cardstock:</i> 135 - 163 g/m ² ; <i>Envelopes:</i> 60 - 105 g/m ²
Printable area	Within 4.2 mm of all edges of the media

Connectivity

Standard interfaces	Standard Ethernet 10/100 Base T, one rear standard USB-B (high speed) device port, one front full speed USB-A host port, one available internal solution port. (cables not included)
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Print languages and fonts

3 of 9 scalable PCL 5e fonts in Narrow, Regular and Wide, 158 scalable PostScript fonts, 2 PCL bitmap fonts, 39 scalable PPDS fonts, 5 PPDS bitmap fonts, 84 scalable PCL fonts, OCR-A, OCR-B scalable PCL 5e fonts

Operating Systems (OS) support

Microsoft® Windows Server® 2008, Microsoft® Windows 2000 Server running Terminal Services with Citrix MetaFrame Presentation Server 3.0, 4.0 Microsoft® Windows Server 2003 running Terminal Services with Citrix MetaFrame Presentation Server 3.0, 4.0, 4.5. Microsoft® Windows Server 2003 x64 running Terminal Services with Citrix MetaFrame Presentation Server 4.0 x64, 4.5 x64, Microsoft® Windows XP, 2000, Vista®, Windows® 7, Linux – Ubuntu 7.10, 8.04 LTS, Debian GNU/Linux 4.0, RH Linux WS 3.0, 4.0, 5.0, SuSE Linux Enterprise Server 8.0, 9.0, 10.0, 11.0, 11.1., SuSE Linux Enterprise Desktop 11, OpenSuSE 11.0, Novell NetWare 5.x, 6.x., Macintosh version (OS 9.x and OS X 10.2-10.6), Unix (Sun Solaris SPARC 7, 8, 9, 10.0) HP UX 11.11, 11.23, 11.31, SAP PCL Device type support.

Network protocol

TCP/IP IPv4, IPX/SPX, AppleTalk™, TCP/IP IPv6, TCP, UDP, IPSEC w/ Ipv4, IPSEC w/ Ipv6, LPR/LPD, Direct IP (Port 9100), Socket (Raw TCP/IP), HTTP, NDS Queue-based Printing, NDPS/NEPS (Novell Distributed Print Services, Novell Netware Enterprise Print Services), Enhanced IP (Port 9400), FTP, TFTP, IPP 1.1 (Internet Printing Protocol), ThinPrint .print integration, HTTP, HTTPs (SSL*/TLS), SNMPv3, WINS, IGMP, BOOTP, RARP, APIPA (AutoIP), DHCP, ICMP, DNS, SNMPv2c, Bonjour, DDNS, mDNS, ARP, NTP, Telnet, Finger

*This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit.

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Consumables

Toner management	Dell Printer Configurator Web Tool (EWS) provides features include toner level reporting, low toner alerts
Ship-with toner cartridge capacity ²	The printer ships with a standard capacity black toner cartridge (up to 7 000 pages coverage)
Toner cartridge capacity ²	Standard capacity toner cartridge prints up to 7 000 pages; High capacity toner cartridge prints up to 21 000 pages
Toner recycling	Dell's Recycling Program (details included in product)
Imaging drums	Imaging drum is not separated but comes in one assembly together with the Toner Cartridge
Fuser unit	Fuser unit available after 300 000 (CRU)

Language and regulatory certifications

Softcopy user guide on driver CD	Arabic, Simplified Chinese, Danish, German, English, Spanish, Finnish, French, Hebrew, Italian, Japanese, Korean, Dutch, Norwegian, Polish, Brazilian Portuguese, Romanian, Russian, Swedish, Turkish, Traditional Chinese
Printer firmware & software	English, French, German, Italian, Spanish, Danish, Norwegian, Dutch, Swedish, Brazilian Portuguese, Finnish, Russian, Polish, Hungarian, Turkish, Czech, Japanese, Korean, Simplified Chinese, Traditional Chinese
Safety certifications	UL 60950-1, First Edition (2003), EN 6095001 : 2001, IEC 60950-1, First Edition (2001); other safety approvals required by individual countries
EMC certifications	Class B; EN 55022:2006 / CISPR 22:2005; EN 55024:1998 + A1:2001 + A2:2003; EN 61000-3-2:2006 and IEC 61000-3-2:2005; EN 61000-3-3:1995 + A1:2001 + A2:2005
Environmental compliance	Section 508 VPAT; RoHS-compliant ⁵ ; Blue Angel, Energy Star [®] v1.1, Cerner
Other certifications and compliances	WHQL, SAP, USB IF, Novell YES, Citrix Ready

Printer management

Software included	IP Setup Utility (IPSU), Status Monitor Centre, Printer Alert Utility, Driver Profiler, Wireless Setup Utility (used with Optional Wireless Card)
Compatible printer management software	Dell Printer Configuration Web Tool (EWS), Dell OpenManage Printer Management Tools
Security	Print Job Management - Secure print release; Storage media Security Management - Confidential Print is available; Access Control Management - Password (via EWS); Lock type - Kensington

Warranty and service options⁵

Standard service	1 Year Next Business Day On-site 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

Optional memory	256 MB Flash memory
Optional HDD	80 GB hard disk
Optional I/O Ports	N8120 gigabit Ethernet print server; Parallel 1284-B interface card; RS-232C serial interface card; N8150 wireless print server
Optional application solutions	Print encryption card; Forms and barcode card; IPDS/SCS/The card

Physical specifications

Dimensions (without duplex) H x W x D	<i>Printer:</i> 402 mm x 425 mm x 640 mm, <i>Shipping carton:</i> 945 mm x 585 mm x 735 mm
Weight (without duplex)	<i>Printer:</i> 23.4 kg, <i>Shipping carton:</i> 31.7 kg
Operating environment	<i>Operating:</i> air temperature 16°C to 32°C, relative humidity 8-80%, altitude 3 048 m or less <i>Unpackaged:</i> air temperature 0°C to 40°C, relative humidity 5-80%, altitude 3 048 m or less <i>Packaged:</i> air temperature -40°C to 43°C, relative humidity 5-95%, 0.25 atmospheric pressure equivalent to altitude 10 300 m or less above sea level.
Acoustics ⁶	<i>Printing Simplex:</i> 53 dBA; <i>Printing Duplex:</i> 56 dBA; <i>Idle Standby Mode:</i> 26 dBA; <i>Quiet Mode:</i> 47 dBA; <i>Sleep:</i> not audible
Voltage	220 - 240 V at 50/60 ± 3 Hz (not available in all countries).
Power consumption	Printing 640 W (simplex), 540 W (duplex); Standby mode (Ready mode) 80 W; Power Saver 12 W; Off 0 W.
Typical energy consumption ⁷	5.38 kWh
Power Save options	User-definable — 1-240 minutes (default 30 minutes)

Contents in box

Printer, SWE cartridge, Power cord, Setup Sheet, Software & Instructions CD, PIG, UAR Sheet

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 19752 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 value calculation details please visit: http://www.energystar.gov/ia/products/fap/IE_TEC_Test_Procedure.pdf.