



DELL 2230d LASER PRINTER



COMPACT MONO LASER BUILT TO HANDLE YOUR BIGGER PRINT TASKS

With a printing speed of up to 33ppm, the Dell 2230d Laser Printer makes light work of monochrome printing tasks, yet with its small footprint (406 mm x 370 mm) and low noise, it can sit comfortably and quietly on your desk or any office environment.

A resolution of up to 1200 x 1200 dpi ensures your printouts are razor sharp for both monochrome graphics and text. And if the workload increases, relax - the robust Dell 2230d is designed to handle up to 35 000 pages per month.

You'll like having the Dell 2230d around the office. It has a simple 5 LED, 2 button user interface that's very straightforward to operate. The Duplex printing capability saves paper and reduces filing storage. The Dell Toner Management System™ alerts you of low toner levels in good time.

As you would expect from Dell, the 2230d is backed by Dell support services for peace of mind.

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PRODUCT BENEFITS

HIGH QUALITY AT HIGH SPEED

With up to 1200 x 1200 dpi true print resolution, the Dell 2230d produces razor sharp printouts for both business graphics and text. The standard duplexing capability makes dual-sided printing simple. And you won't have to wait long for your documents. The Dell 2230d has instant warm-up technology for a first page out time of only 7 seconds and prints at up to 33 A4 pages per minute (actual speed will vary with use).

LOW COST OF PRINTING

The Dell 2230d delivers high quality printing in a compact form factor and a staggering monthly duty cycle of 35 000 pages per month. The Dell 2230d also features low total cost of printing, making mono laser printing technology affordable for small businesses. Dell support services ensure that your investment is well protected.

ROOM TO GROW WITH YOUR BUSINESS

The Dell 2230d has plenty of room to grow along with your future business requirements. It is easily expandable with an optional 250-sheet paper drawer as well as additional memory for the most demanding high capacity printing.

levels in good time. Re-order toner with just a few clicks at the dedicated Dell website www.dell.com/supplies by telephone or through selected resellers.

SERVICE SATISFACTION ASSURED

Dell's standard 1-Year Limited Hardware Warranty⁴ and 1-Year Advanced Exchange Service⁴ is there to keep your Dell 2230d up and running. Protect your investment even longer with an optional limited hardware warranty extension up to 5 years.

ENVIRONMENTALLY CONSCIOUS DESIGN

Safeguard the planet while protecting your bottom line. The Dell 2230d's paper drawer supports the use of recycled paper and the re-use of freshly printed paper. The 'N-Up' multiple-sheet feature reduces paper consumption by enabling multiple page printing on a single sheet of paper. The Dell 2230d is Energy Star[®] certified. Energy Star certified imaging equipment is 25% more efficient than conventional models according to US Environmental Agency (source www.energystar.gov). As with all Dell printers, the Dell 2230d has 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 conscious manner.

ORDER
SUPPLIES
ONLINE

EASE OF USE

Operating the Dell 2230d is straightforward thanks to the 5 LED, 2 button user interface. The Dell Toner Management System™ alerts you of low toner

DELL IS
GREEN!



Top view



Toner cartridge



Connectivity



Control panel view



With additional 250 sheet
paper drawer

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

Toner cartridges

Dell 2230d black toner cartridge standard: approximately 3500 pages
Toner yield based on testing in accordance with ISO/IEC 19752. Yields vary with usage and environmental conditions.

Additional Consumables

Dell 2230d Imaging Drum Kit standard: approximately 30 000 pages

Connectivity

Dell 3 m USB cable

Service and support

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



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Product description	Personal laser printer offering value and high performance printing in a small form-factor.
Print specifications Print speed ¹ First page out time Print resolution User interface Data streams Processor speed Memory (RAM) Memory expansion Maximum Duty cycle	Up to 33 ppm A4 (Actual print speed will vary with use) From 'Ready' state - As fast as 7.0 seconds From 'Power Saver' mode - As fast as 7.5 seconds 600 x 600 dpi (printer default), 1200 dpi (driver default), maximum 1200 x 1200 dpi 5 LED and a 2 button keypad HP PCL® 5e, HP PCL® XL, HBP (GDI), XPS (GDI) and Adobe® PostScript® Level 3 Emulation 400 MHz Dell 2230d: 32 MB standard, 160 MB maximum using optional 128 MB memory module One DIMM slot available for optional 128 MB memory module Up to 35 000 pages per month
Paper handling Standard input sources Additional input capacity Maximum input capacity Duplex unit Standard output destination	250-sheet covered drawer (75 gsm stock) and 1-sheet multipurpose tray Optional 250-sheet drawer can be fitted (maximum capacity 501 sheets inclusive of multipurpose tray) 501 sheets (250-sheet drawer + 1-sheet multipurpose tray + 1 x optional 250-sheet drawer) Automatic duplex unit (print both sides) included as standard. 150 sheets bin face-down
Supported media types, sizes and paper weights Media types supported 250-sheet standard tray (Tray 1) Optional 250-sheet drawer (Tray 2) Multipurpose Tray Duplexer Page layout options Printable area	Plain, Recycled, Light, Heavy, Bond, Rough (no Duplex support), Coloured, Greeting Card Stock (No Duplex support), Envelopes (Supported from MPT only, no duplex support), Labels (Paper type), Transparencies (Laser), Letterhead, Pre-printed Media and Size: A4, A5, A6, JIS B5, US Letter, US Legal, Executive, Folio, Statement, Universal. Minimum feed size is 105 mm x 148 mm Maximum feed size is 216 x 356 mm Types: Paper, Paper labels, Transparencies Weight: 60 - 90 gsm Media and Size: A4, A5, A6, JIS B5, US Letter, US Legal, Executive, Folio, Statement, Universal. Minimum feed size is 149 mm x 210 mm Maximum feed size is 216 x 356 mm Types: Paper, Paper labels, Transparencies Weight: 60 - 90 gsm Media and Size: A4, A5, A6, JIS B5, US Letter, US Legal, Executive, Folio, Statement, Universal, 7 3/4 Envelope, 9 Envelope, 10 Envelope, B5 Envelope, C5 Envelope, DL Envelope, Other Envelope. Minimum feed size is 76.2 x 127 mm Maximum paper size (Universal size) is 216 x 356 mm Maximum envelope size (Other size) is 216 x 356 mm Types: Paper, Paper labels, Transparencies, Card stock, Envelopes Weight: 60 - 163 gsm NOTE: When printing card stock using the multipurpose feeder, open the rear exit. Media and Size: A4, Folio, Letter, Legal Types: Paper Weight: 60 - 163 gsm Portrait or Landscape orientation, multiple copies, duplex printing, multipage printing (N-up), watermarks, collate Within 4 mm of all edges of the media
Connectivity Standard interfaces Print languages and fonts Operating Systems (OS) support	Hi-Speed USB 2.0 port, Parallel IEEE-1284. <i>Note - cables are not included</i> 89 scalable PS3/PCL fonts, including OCR-A, OCR-B and code 3 of 9 bar codes; 2 bitmapped PCL Fonts MS Windows® 2008 Server, 2003 Server, 2000 Server, XP 32bit/64 bit, 2000, Microsoft Vista 32bit/64bit. RH Linux 3.0, 4.0, 5.0 WS SuSE Linux 10.x or later. NetWare 5.1, 6.0. Macintosh version (OS X or later), Unix (PS PPD for Sun Solaris 8,9,10.0) HP UX 11i. Citrix Metaframe, SAP.
Consumables Toner management Ship-with toner cartridge capacity ² Refill toner cartridge capacity ² Imaging Drums Additional toner Toner recycling Additional Consumables	In conjunction with the printer and software, features include toner level reporting, low toner alerts and toner conservation. The printer ships with a standard capacity toner cartridge (approx 1 000 pages at 5% coverage) Standard capacity (approx 3 500 pages at 5% coverage) is available for this printer Standard Imaging Drum with 30 000 pages yield Available through Dell online, by telephone or through selected resellers Toner cartridges are recyclable using Dell's recycling program, details of which are included with each product NA
Language and regulatory certifications Printer firmware and printer driver software (NO Op Panel) User documentation Safety certifications EMC certifications Design for environment Other certifications and compliances	English, French, Italian, German, Spanish, Dutch, Japanese and Simplified Chinese Softcopy user manual on CD in English, French, Italian, German, Spanish, Danish, Dutch, Norwegian, Swedish, Finnish, Iberian Portuguese, Brazilian Portuguese, Polish, Czech, Greek, Arabic, Hebrew, Russian, Turkish, Japanese (Kanji) and Simplified Chinese. Basic set-up and safety instructions available in 9 languages. 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 EN55022:2006 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, Issue 4 (Canada); CE (EU countries); GOST (Russia); SABS (South Africa) Meet Environmental design requirements including material restrictions and energy consumption requirements i.e. EU WEEE, RoHS ³ compliant, Energy Star-compliant, Blue Angel Compliant. N/A



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Printer management

Software included	Dell Toner Management System™ intelligent toner monitoring proactively notifies you before you run out of toner. Printer Alert Utility.
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Warranty and Service options

Standard Service	24 x 7 toll-free Technical Support for the life of the product 1 year limited hardware warranty ⁴ and 12 months Next Business Day Advance Exchange
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Printer options and accessories

Refill toner cartridges	Dell 2230d black toner cartridge - standard (approximately 3500 pages) ²
Additional input paper capacity	One additional optional 250 sheet drawer can be fitted (maximum capacity 501 sheets) Additional 250 sheet paper drawer dimensions WxDxH - 406 mm x 367 mm x 89 mm, weight 2.55 kg.
Additional memory	An optional 128 MB DDR2 memory module is available for the Dell 2230d. Additional memory may speed the processing of large/complex print files

Physical specifications

Dimensions WxDxH	Printer: 406 mm x 370 mm x 260 mm Shipping carton: 460 mm x 420 mm x 355 mm
Weight	Printer: 13.53 kg Shipping carton: 15.7 kg
Operating environment	Operating: air temperature 16°C to 32°C Relative Humidity 8 - 80%, altitude 2500m Storage (unpackaged): air temperature 0°C to 40°C Relative Humidity 8 - 80% Storage (packaged): air temperature -20°C to 40°C, Relative Humidity 8 - 95%, 0.25 atmospheric pressure equivalent to altitude 10 300 m
Acoustics	Printing (Simplex Mode/Main Tray): Sound Pressure, Bystander position (LpAm) ⁵ 53 dBA Sound Pressure, Operator position (LpAm) ⁵ dBA Average Sound Power (LWAm), declared ⁵ 6.7 dBA Standby Mode: Sound Pressure, Bystander position (LpAm) Inaudible Average Sound Power (LWAm), declared ⁵ dB(A) 220 - 240 V at 50/60 ± 3 Hz (not available in all countries). Power cord included with shipped printer.
Voltage	220 - 240 V at 50/60 ± 3 Hz (not available in all countries). Power cord included with shipped printer.
Power consumption	Printing 470 W: Standby mode 13 W: Sleep mode 13 W: Off 0 W. Energy Star®-compliant
Typical electricity consumption ⁶	2.836 kWh per week. Energy Star®-compliant - see http://www.energystar.gov/ia/products
Power Save options	User-definable - 1-240 minutes (default 60 min)

Service and Support

2 - 5 Year Next Business Day Advanced Exchange Service ⁴
1 - 5 Years Next Business Day Onsite after Remote Diagnosis Service
1 - 5 Years Dell ProSupport™

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. Toner yield based on testing in accordance with ISO/IEC 19752. Yields vary with usage and environmental conditions.
3. 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
4. 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.
5. Tested in accordance with ISO 7779 and reported in accordance with ISO 9296, Acoustics.
6. 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. 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.

