DELL 2335dn
MULTIFUNCTION LASER PRINTER

LASER PRINTING PLUS COPYING, SCANNING AND FAXING IN A NETWORKED DEVICE FOR SMALL WORKGROUPS

Perfect for small or medium businesses or small departmental workgroups, the Dell 2335dn Multifunction Laser Printer offers crisp, professional-quality monochrome printing, copying, fax and colour scanning capabilities combined with a highly affordable price tag and a low cost of ownership. Combining print, copy, scan and fax functions in one device helps you get more done in less time, saves office space, reduces asset counts and minimises power consumption thanks to the integration of all the functions you need in one convenient networked device.

The Dell 2335dn Multifunction Laser Printer offers high printing and copying speeds, combined with a built-in duplex automatic document feeder to handle substantial documents. It also has duplex printing (print on both sides of the paper) as standard, further helping to reduce both paper costs and document bulk. The 2335dn is easy to use, manage and maintain. It gives you peace of mind thanks to the comprehensive, industry-leading warranty, extensible to up to five years. This multifunction laser printer utilises environmentally-friendly technologies and offers broad recycling options to help you protect the environment.

Further details on our products at WWW.EURO.DELL.COM

DELL 2335dn MULTIFUNCTION LASER PRINTER

PRODUCT BENEFITS

PROFESSIONAL PRINTING AT HIGH SPEED

With high 600 x 600 dpi native resolution and up to 1200 dpi effective output, the 2335dn delivers crisp, professionally looking documents. With its high print speed of up to 33 pages per minute and monthly capacity of up to 35 000 copies, the 2335dn will easily handle the requirements of a small workgroup today and accommodate the growth of your business in the future.

OPTIMISED PRODUCTIVITY AND RICH NETWORK CONNECTIVITY

The 2335dn lets you perform multiple tasks that previously required separate devices – offering the same or better functionality for each of the tasks. The powerful 600 x 1200 dpi optical resolution scanner, combined with the PaperPort 11 software, lets you archive office documents in digital format (in mono or colour). The high-speed fax can be used standalone or via the network. The printer can be shared by the workgroup members easily thanks to the standard Ethernet connectivity and the optional wireless network adapter.

EASE OF USE

Operating the 2335dn is simple using the large LCD display and its intuitive interface, as well as the dedicated keypad, useful during copying and faxing. Handling double-sided documents is greatly facilitated by the duplex automatic document feeder. Replacing cartridges in the easy-to-access front toner compartment is easy and takes less than 30 seconds.

EFFORTLESS MAINTENANCE AND ROCK-SOLID TECHNICAL SUPPORT

ORDER SUPPLIES ONLINE

Using the familiar browser interface, the Dell Printer Configuration Web Tool makes managing the 2335dn straightforward. The Dell Toner Management System alerts you of low toner levels whilst reordering toner is as simple as a few clicks at the dedicated Dell website www.dell.com/supplies, and consumables are also available through selected reseller partners. The robust design and high reliability of the 2335dn help keep the printer up and running. Should a problem occur, Dell support experts will help solve it rapidly, with on-site service where required, to minimise business disruption and maximise productivity.

LOW TOTAL COST OF PRINTING

The 2335dn 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 copying and scanning. Users choosing the high-capacity cartridges (6 000 pages) will reduce the frequency of toner replacement and further optimise their cost per printed page. Unlike other printer vendors, Dell also includes fuser replacement in the standard warranty, bringing you significant cost savings.

ENVIRONMENTAL FRIENDLINESS

DELL IS GREEN!

The 2335dn'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 the printing of multiple pages on a single sheet of paper. The 2335dn 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 the US Environmental Protection Agency (source: www.energystar.gov). As all Dell printers, it has also been designed to eliminate hazardous materials. Dell printer owners 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.

Front View

Control panel view

Unit with optional second drawer

Easy front-loading toner replacement

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

Toner cartridges	Dell 2335dn standard capacity black toner cartridge (approximately 3000 pages) Dell 2335dn high capacity black toner cartridge (approximately 6000 pages) *Toner yield based on testing in accordance with ISO/IEC 19752. Yields vary with usage and environmental conditions.*
Additional paper drawer	An additional 250 sheet paper drawer is available for this printer, enabling less frequent paper refills or easy access to different types of media (for example, plain paper in the standard drawer, preprinted notepaper in the second drawer) where supported by application.
Additional memory	Additional memory is required for 600 dpi duplex scanning and may also speed the processing of large/complex print files, or networked print files
Wireless network adapter	Internal USB Wireless Network Adapter that provides wireless printing to Dell 2335dn when installed
Connectivity	Dell 3 m Ethernet cable Dell 3 m USB cable
Service and support	2 - 5 Years Next Business Day On Site Repair (parts and labour) 1 - 5 Years Printer Business Support

DELL 2335dn MULTIFUNCTION LASER PRINTER

Product description	**Networked monochrome laser multifunction printer for workgroup use**
Functionality	Fast, high-quality mono printing, copying, fax and colour scanning in one economical and space-saving device, with duplex functionality (print both sides) as standard for maximum economy and environmental savings

Print specifications

Print speed - monochrome[1]	Up to 33 A4 pages per minute
Warm-up time	42 seconds or less from power-on to 'Ready' state on LCD operator panel
First page out time	
- from 'Ready' state	(Simplex A4, 600 dpi) 8.5 seconds or less
- from 'Sleep' mode	(Simplex A4, 600 dpi) 24 seconds or less
Print resolution	600 x 600 dpi (default driver setting), up to 1200 dpi effective output using interpolation software
User interface	4 line x 16 character backlit graphic LCD, 4 button / 5 way cursor keypad, 13 numeric and pause keys
Print languages	PCL® 5e, PCL 6 and PostScript® Level 3 emulation
Processor speed	366 MHz
Memory (RAM)	128 MB standard, optional 256 MB module using 1 x DIMM slot (384 MB maximum)
Duty cycle	Maximum 35 000 pages per month
Typical Monthly Print Volume	500 to 5000 pages per month

Scan specifications

Scanning methods	Via Duplex Automatic Document Feeder (DADF) (50 sheets) or flat-bed platen (single sheet)
Scan resolution	Optical: 600 x 1200 dpi (mono and colour), Enhanced (software interpolation): up to 4800 x 4800 dpi
Scan depth	Colour, up to 24 bit; Mono, 1 bit line-art or 8 bit greyscale
Maximum scan dimensions	Length: Platen, 293 mm: DADF, 352 mm/ width: 208 mm
Scanning functionality	*General scanning:* Multi-page scanning • Duplex scanning[3] • Colour scanning • Scan to USB memory in PDF, JPG, BMP and TIFF formats • DADF (50 sheet) – supports collate and N-Up copy • Flatbed (platen) – supports cloning, collate, autofit, 2-Up, poster and ID copy
	Direct PC connection scanning: Scan to email • Scan to application
	Network scanning: Scan to email via device's address book + or LDAP ++ (quick search address book supported and ability to save email address key-in on control panel to the device) • Scan to client (up to 32 clients) • Scan to network folder
	Note +: Address book (network scanning) is capable of importing CSV format email address
	Note ++: LDAP support is based on Exchange Server or Win AD access and authentication - however it authenticates the user via user login information stored on the device
Scan formats supported	PDF, JPG, BMP and TIFF
Scanner duty cycle	Maximum 1000 pages per month

Copy specifications

Copy speed[1]	Single document to multiple copies: Up to 33 copies per minute
	Multiple document to multiple copies: Up to 20 copies per minute
Copy resolution	600 x 600 dpi
Copy modes	Text, photo, text and photo
First copy out time[2]	From Standby mode via DADF: 15 seconds; from Standby mode via platen: 8.5 seconds; from Sleep mode via platen: 35 seconds
Maximum copies	199
Zoom	25% to 400%
Copy Functionality	ID card copying (copy front and back of insurance cards, driver licenses and other cards onto a single sheet), auto fit, poster, clone, N-up, reduce/enlarge

Fax specifications

Speed	33.6 Kbps
Mode	Standalone mono fax with numerical keypad, PC fax (local / network)
Compatibility	ITU-T G3
Fax functionality	PC fax (via printer modem), network fax, standalone fax, fax forwarding to one email address, fax forwarding to a fax number
	Save email address keyed in control panel
Communication System	PSTN, PABX
Speed Dial	Up to 409 locations
Memory Size	4 MB (Approx. 200 pages based upon ITU-T #1 Chart)

Automatic Document Feeder (ADF) specifications

Capacity	50 sheets, paper weight up to 75 gsm
Supported paper sizes	Width: 142 - 216 mm, length: 148-356 mm

Paper handling

Paper input capacity	
- standard input sources	250 sheet covered drawer, 50 sheet multi-purpose feed (MPF)
- additional input drawers	Optional 250 sheet covered drawer
- maximum input capacity	550 sheets (250 + 50 + 250)
Duplex facility (print both sides)	Automatic duplex as standard
Paper output capacity	*Output tray*: 150 sheets (face-down)
	Rear door: 1 sheet (face-up)
Supported media types[4]	250 sheet drawer/s: plain, thin, recycled, letterhead
	Multi-purpose feeder (MPF): plain, cardstock, labels, transparency, bond, pre-printed, coloured, envelope, recycled, thick, thin, letterhead
Supported media sizes	250 sheet drawer/s: A4, A5, A6, B5, ISO B5, US Letter, US Legal, Oficio, Folio, Executive
	Multi-purpose feeder (MPF): A4, A5, A6, JIS B5, ISO B5, US Letter, US Legal, Folio, Executive, Custom. Envelopes - DL, C5, C6, No 10, Monarch, Oficio
Supported media weights	250 sheet drawer/s: 60 to 90 gsm. Multi-purpose feeder (MPF): 75 to 90 gsm
Page layout options	Portrait or landscape orientation, multiple copies, multipage printing (N-up), booklet printing, watermarks, overlays
Edge of paper margins	Top, 4 mm; bottom, 4 mm; left, 4 mm; right, 4 mm

Connectivity

Interfaces - rear	USB 2.0 High speed port (type B connector), Ethernet 10/100 BaseT RJ-45 port, RJ-11 telephone and fax port (cables not included)
Interfaces - front	USB 1.1 full speed (supports direct printing/scanning to/from USB memory key) – supported formats PDF (Dell 2335dn generated), JPEG, BMP, TIFF
Wireless options	Via optional Wireless Network Adapter (Dell 5002)
Printer Resident Fonts	136 scalable PS3, 93 scalable PCL fonts including OCR-A, OCR-B, one bitmapped font[5]
Client and Network Operating Systems	Windows 2000, XP 64 bit (Home and Pro), XP 32 bit (Home and Pro), Server 2003 and 2008, Vista 32 bit/64 bit (Starter, Home Basic, Home Premium, Ultimate, Enterprise and Business) • Various Linux OS including Red Hat 8.0 ~ 9.0, Fedora Core 1-4, Mandrake 9.2 ~ 10.1, and SuSE 8.2 ~ 9.2 • Mac OS 10.3 ~ 10.5 • Novell NetWare NDPS services via TCP/IP & IPP on 5.x, 6.x • Bonjour discovery supported • SAP R/3 v4.6C, 4.x and 3.x and later • Citrix MetaFrame, Windows Terminal Services
	Latest printer drivers available from http://support.euro.dell.com

Networking protocols	TCP/IPv4, IPv6 (DHCP, DNS, 9100, LPR, SNMP, HTTP, IPSec), EtherTalk, Novell NetWare NDPS services via TCP/IP & IPP on 5.x, 6.x, DHCP, BOOTP, SLP, SSDP, Bonjour (Rendezvous), DDNS, WINS, TCP (Port 2000), LPR (Port 515), Raw (Port 9100), SNMPv1/2/3, HTTP, Telnet, SMTP (E-mail Notification)

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™
Shipped toner cartridge capacity[6]	The printer ships with a standard capacity black toner cartridge (approximately 3000 pages coverage)
Refill toner cartridges capacity[6]	Standard black toner cartridges are approximately 3000 pages each; High Capacity toner cartridges are available, print approximately 6000 pages each, and offer a lower cost per printed page
Additional toner	Available through Dell online, by telephone or through your selected reseller
Additional consumables	None required
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	*Softcopy user guide on driver CD* English, French, Italian, German, Spanish, Dutch, Danish, Norwegian, Swedish and Czech (Note: Norwegian, Swedish, Danish and Czech user guide requires the use of an English-language installation software utility) *Printer firmware (including LCD operator panel) and embedded web software* English, French, Italian, German, Spanish, Dutch *Basic set-up and product safety instructions* 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); SEMKO; GS Mark (Germany); GOST and Hygienic (Russia); SASO (Saudi Arabia); SABS (South Africa); UL/cUL Listed (UL60950-1 US/Canada); NOM (Mexico); FDA/DHHS (21CFR, Chapter 1, Subchapter J, Class-1 Laser, US); other safety approvals required by individual countries
EMC certifications	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 and Part 68 (USA); ICES-003, Issue 4 (Canada); CE (EU countries); GOST (Russia); SABS (South Africa)
Other certifications and compliances	RoHS[7] compliant (lead-free), Blue Angel, USB logo compliance, SAP R/3 environment, Citrix (Metaframe) support, Energy Star®, FCC, CE, CISPR, UL1950, EPA
Design for Environment	Meet requirements found in Design for Environment Specification (Agile p/n DN362), 6T198 Material Restriction and Energy Spec FW252
Printer recycling	Details of Dell's printer recycling programme are included with each new printer (applies to Western Europe only)

Printer management

Included software	Nuance PaperPort™ Standard version 11.0 business software (software and documentation in English, French, Italian, German, Spanish and Dutch), Dell ScanCenter, Dell Toner Management System™, Dell Printer Configuration Web Tool (EWS), Dell Printer Status Monitor, Printer Setting Utility, Set IP Address Utility, Scan Manager, Firmware Upgrade Utility, PC-Fax software

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[8]
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 2335dn Multifunction Laser Printer, Installation software and manuals CD (Printer driver, other included software in multiple languages), Dell 2335dn standard black toner cartridge (3000 page yield[6]), setup placemat, hardware recycle program label and instructions
Dimensions (mm)	*Printer:* 465 mm W x 440 mm D x 461 mm H *Shipping carton:* 569 mm W x 566 mm D x 630 mm H
Weight	17.7 kg including standard toner cartridge; shipping weight 22 kg
Operating environment	*Operating:* air temperature 10°C to 32°C, Relative Humidity 20-80%, altitude 2500 m or less *Non-operating:* air temperature -20°C to 40°C, Relative Humidity 10-90%, altitude 2500 m or less
Acoustics	*Printing (Simplex mode/standard drawer):* Sound Pressure, Bystander position (LpAm)[7] 55.0 dBA Sound Pressure, Operator position (LpAm)[7] 56.8 dBA Average Sound Power (LWAm), declared[8] 6.8 Bels (68 dB) *Standby Mode:* Sound Pressure, Bystander position (LpAm)[7] 28.0 dBA Average Sound Power (LWAm), declared[8] 4.4 Bels (44 dB)
Voltage	220-240 v AC, 47 to 63 Hz nominal. Power cord included with shipped printer.
Power consumption	Printing or copying 450 W average: Standby mode 80 W average: Sleep mode 18 W: Off 1 W or less. Energy Star® compliant
Typical energy consumption[11]	3.69 kWh per week. Energy Star®-compliant - see http://www.energystar.gov/ia/products
Maximum current while printing	3.5A at 230 v AC
Power Save options	User-definable - 5/10/15/30/45 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 First Copy Out Time (FCOT) measurement is based on internal test procedure

3 Note that 600 dpi duplex scans require optional additional 256 MB RAM to be installed

4 Envelope printing results may vary based on environmental conditions and the type of envelopes that are used

5 512 KB memory for downloadable custom fonts

6 Toner yield based on testing in accordance with ISO/IEC 19752. Yields vary with usage and environmental conditions.

7 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

8 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.

9 Typical measurements based on ISO 7779

10 Tested in accordance with ISO 7779 and reported in accordance with ISO 9296, *Acoustics - Declared noise emission values of computer and business equipment*

11 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.