

Dell Laser Printer 1720

Dell Laser Printer 1720dn



DELL™ MAKES IT EASY TO BUY, USE AND OWN PRINTERS

EASY TO BUY

- Very cost-efficient mono laser printer with low total purchase and operation costs
- Convenient recycling options for old printers and cartridges
- Dell Direct Advantage: buy online or through our professional sales team

EASY TO USE

- Fast monochrome printing - up to 28 A4 pages per minute
- Instant-on fuser provides fast first-page-out time
- Print both sides and network capability as standard on 1720dn model

EASY TO OWN

- Small footprint, lightweight unit fits even the smallest offices
- Industry-leading Dell service and support
- Single point of accountability from a global brand name



The easy to use **Dell Laser Printer 1720** is ideal for homes and small offices needing fast, durable and efficient monochrome printing. Its compact, space saving design supports high-volume monochrome printing and offers a low cost-per-page. The networked **Dell Laser Printer 1720dn** combines the heavy-duty printing and low running costs of the 1720 with built-in networking and duplex printing as standard.

The 1720 and 1720dn are built to meet today's demanding office environments with fast monochrome printing at speeds of up to 28 A4 pages per minute (ppm), crisp print resolution of up to 1200 x 1200 dots per inch (dpi) and a huge 800 sheet maximum paper capacity. Both models offer a low total cost of printing, robust 25,000 page monthly duty cycle and easy to purchase high-capacity toner cartridges. Using the flexible multi-purpose manual feed tray, it's easy to print on various types of media including letterheads, envelopes, card and transparencies.

For effective and economical printing that fits on your desktop and the convenience of Dell's Toner Management System™, easy to order consumables and Dell's one-year service warranty (upgradeable to 5 years cover), the Dell Laser Printer 1720 and 1720dn are the affordable space saving solutions.

THE DELL LASER PRINTER 1720 AND 1720dn DELIVER:

Technology you need

- Fast monochrome printing – up to 28 A4 pages per minute with expandable memory for fast printing of high-quality complex documents – up to 160 MB on the 1720dn (144 MB on the 1720)
- Crisp text and enhanced graphics with true 1200 x 1200 dots-per-inch (dpi) resolution with PCL 6 and PostScript 3 fonts included as standard on the 1720dn
- Robust, up to 25,000 pages-per-month duty cycle
- Multiple user sharing - networked as standard, the 1720dn allows printer sharing on local area network (LAN)
- Check printer status and toner level over the network with the Dell Printer Web Tool™ (1720dn only) – email alerts can be sent to notify named recipients

Value you expect

- Low total cost of ownership to fit your print budget
- Excellent price/performance – highly affordable networked version (1720dn) and USB connect version (1720)
- Maximise cost saving with high-yield toner cartridges and free delivery when ordering online with Dell
- Save paper and toner with Dell Toner Management System™, on-printer LED to tell you when toner is low and Cancel Print button for unwanted print jobs
- Print on both sides of page automatic duplex printing – included as standard (1720dn)
- No add-on network devices to purchase - Ethernet network interface included as standard (1720dn)

Experience you want

- Quick and easy setup and installation – pre-loaded printer drivers when purchased with a Dell system: just connect the printer and start printing
- Flexible media options – standard 250 sheet covered paper drawer and manual feed tray for thicker paper, card stock, transparencies or envelopes, optional 550 sheet paper drawer allowing maximum 800 sheet input capacity
- Compatible with a wide range of operating systems
- Small footprint, lightweight unit for space-critical environments
- Standard service is 12 months' Next Business Day onsite with extended service upgrades available to cover up to 5 years



Dell Laser Printer 1720

Dell Laser Printer 1720dn



Never run out of toner again!

The Dell Toner Management System™ monitors toner levels and notifies you when it's time to replace. With a direct link to Dell online ordering is easy, just select your printer model and enter payment information, saving you time and money with delivery at no extra charge.

Service and support

One year Next Business Day onsite service² and telephone-based technical support provided by Dell's award winning service and support staff: lifetime online technical support.

Upgrade your standard service warranty to up to five years extended service or business support for maximum peace of mind and minimum downtime.

Recycling made simple

Recycling printers and toner with Dell – good for your pocket and the environment!

- New Dell printers and toner cartridges include full instructions on safe disposal at no charge when using Dell recycling.
- Printer recycling available in all Dell EMEA countries.
- Toner cartridge recycling now available in most Western European countries.

SPECIFICATIONS

Features

Printer type

Description

Monochrome laser printer available in personal (1720) and network/workgroup configurations (1720dn)

Printer specifications

Print speed¹	Up to 28 A4 pages per minute (ppm). Actual print speed will vary with use.
First page out time	~ 7.5 sec (Simplex print, Standby or Power Saver mode) Warm-up time from power on to Ready state on LEDs ~ 20 seconds
Print resolution	600 x 600 dpi (printer default), 2400 interpolated image quality, 1200 interpolated image quality (driver default), 1200 x 1200 dpi True (half rated speed)
User interface	2 button, 6 LED layout with icon-based labels
Print languages and font support	1720 - HP PCL® 5e and 6 emulation: 89 scalable fonts, 2 bitmapped fonts. PostScript® support on 1720 is limited to Mac OS only. 1720dn - HP PCL® 5e and 6 emulation: 89 scalable fonts, 2 bitmapped fonts. PostScript® Level 3 emulation: 89 scalable fonts.
Processor	366 MHz ARM9 processor
Memory	1720 - 16 MB RAM standard, 144 MB maximum (one memory expansion slot available). 1720dn - 32 MB RAM standard, 160 MB maximum (one memory expansion slot available)
Duty cycle	Up to 25 000 pages per month
Typical Monthly Print Volume	1720 - 500-1000 pages per month; 1720dn 750-2000 pages per month

Paper Handling

Standard input drawer	Capacity 250 sheets (75 gsm stock) in covered drawer
Additional input drawer	Optional 550 sheet drawer available
Maximum input capacity	800 sheets (250 + 550), 75 gsm stock
Output capacity	150 sheets
Duplex (print both sides)	Automatic duplex on 1720dn; print speed 14 A4 sides per minute ¹
Media types supported²	Standard laser printer paper, A4 card stock (120-160 gsm), A4 single-sided paper labels (60 to 160 gsm), A4 transparencies, envelopes (up to 90 gsm)
Media sizes supported	A4, A5, B5, C5, DL Standard drawer/Optional second drawer - A4, A5, B5, continuously adjustable with stops for standard paper sizes: Manual feed - A4, A5, B5, C5 and DL envelopes
Paper weights supported	Standard and optional second drawer feeds: 60 to 90 gsm. Manual feed input: 60 to 160 gsm. Duplexer (1720dn only): A4 paper only, 60 to 90 gsm
Manual feed tray	Single sheet/single envelope
Envelope feeder	Single feed via manual feeder
Page layout options	Multiple copies, Portrait or Landscape orientation, duplex printing (1720dn only), multipage printing (N-up), booklet printing, poster printing, watermarks, overlays, account tracking, rotate 180 degrees
Permitted paper sizes	Maximum 216 x 356 mm - minimum 76 x 127 mm
Printable area	Within 4 mm on all edges of media - maximum 202 x 291 mm on A4 page

Connectivity

Interfaces	1720 - USB 2.0 (full speed) port, IEEE 1284-B compliant Parallel port (cables not included). 1720dn - 10/100 BaseT Ethernet, USB 2.0 (full speed) and IEEE 1284-B compliant Parallel ports (cables not included)
Supported Client or Network Operating Systems (OS)	Microsoft Windows® Vista™, Vista x64, XP, XP SP1/SP2, XP 64-bit, NT 4.0 SP6a, 2000 SP2/SP3/SP4, Windows Server® 2003, Server 2003 SP1, 2003 x64, Mac OS 9 v9.2, Mac OS 10.2/10.3/10.4, UNIX®, Linux, Citrix, Novell Network-based Open enterprise Server, Network 5.1, 6.0 & 6.5, SAP (1720dn model only) TCP/IP, peer-to-peer, IPX (Interwin utility only;non-64 bit)
Supported Transport/Network protocols	
Wireless support⁴	Available via optional external Dell Wireless Printer Adaptor 3300. IEEE 802.11b/g connectivity; security protocols WPA - PSK, WEP (32 bit and 128 bit)

Consumables

Printer consumables	Available through Dell online or by telephone
Toner cartridges	Dell 1720/1720dn toner cartridges available in standard and high capacity versions: standard toner yield is 3000 pages, high-capacity 6000 pages, based on 5% page coverage ³
Shipped toner cartridge	Each Dell 1720 printer ships with 1500 page toner cartridge, Dell 1720dn model ships with standard 3000 page toner cartridge (yields based on 5% page coverage ³)
Toner recycling	Toner cartridges are recyclable using Dell's recycling programme, details of which are included with each product ⁴

Features

Toner Save function

Additional consumables

Description

Yes, via software driver

Imaging drum - life approximately 30 000 pages (included with shipped printer). Replacement drums available through Dell online or by telephone.

Language and regulatory certifications

Supported languages

Printer user documentation - English, French, Italian, German, Spanish, Danish, Dutch, Norwegian, Swedish, Finnish, Polish, Czech, Turkish, Russian, Arabic, Hebrew. *Printer driver software* - English, French, German, Italian, Spanish, Japanese, Simplified Chinese. *Printer firmware* - English, French, Italian, German, Spanish, Danish, Dutch, Norwegian, Swedish, Finnish, Polish, Czech, Turkish, Russian
Latest printer drivers available from <http://support.euro.dell.com>

Safety and EMC certifications

EC CE mark, EN 55022:1994 + A1:1995 + A2:1997, EN 61000-3-2:2000, EN 61000-3-3:1995 + A1:2001, EN 55024:1998 + A1:2001 + A2:2003, EN 60950-1:2001, EN 60825-1, IEC 60950-1 (ITE), IEC 60825-1 (Laser). **Germany** GS Mark, Blue Angel®. **Israel** SIL. **Nordics** Nordic Dev (ITE). **Russia** Hygienics, GOST-R. **Saudia Arabia** SASO. **South Africa** SABS (EMC) CISPR 22:1993 + A1:1995 + A2:1996, SABS (Safety). **United States** FDA (Laser), FCC Part 15, UL 60950-1 (ITE), 21 CFR 1040 (Laser). **Canada** CSA C22.2 No. 60950-1, Industry Canada ICES-003 Class B/Canada NMB-003 Classe B

Other certifications and compliances

Citrix Metaframe Presentation Services 3.0 and 4.0 (Windows Server 2000/2000e/2003 running Terminal Services/Server), SAP, Novell NetWare 6.5, NetWare 6.0 (Support Pack 3 or later), NetWare 5.1 (Support Pack 6 or later), NetWare-based Open Enterprise Server, Section 508

Printer recycling

Details of Dell's printer recycling programme are included with each new printer (available in Western Europe only)

Printer management

Printer Management

Printer driver and Dell Toner Management System™ software included. Dell Printer Configuration Web Tool software included with 1720dn allows remote inspection and diagnosis over network

Service options

Standard Service

24 x 7 online Technical Support: 12 months Next Business Day Onsite service with 10 x 5 Telephone Technical support⁵

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 (mm)

Printer: 396 mm W x 345 mm D x 254 mm H. Shipping carton: 430 mm W x 470mm D x 385 mm H

Weight

11.4 kg including tonner cartridge; shipping weight 14.0 kg (slight variations depending upon versions of manuals shipped with printer)

Kensington™ lock fitted?

Yes, on rear of printer

Operating environment

Operating: air temperature 15°C to 32°C, Relative Humidity 8-80% non-condensing. *Storage (unpacked):* air temperature 0°C to 40°C, Relative Humidity 8-80%. *Storage (packaged):* air temperature -20°C to +40°C, Relative Humidity 8-95%. *Maximum operating altitude:* 2500 m
Printing (simplex mode): Sound Pressure, Bystander position (LpAm) 51.0 dBA⁶, Average Sound Power (LwAm) declared 6.5 Bels (65 dB)⁷
Standby mode: Sound Pressure, Bystander position (LpAm) 25.0 dBA⁶, Average Sound Power (LwAm) declared 4.1 Bels (41 dB)⁷

Power supply

Power consumption

220-240 v AC, 47-63 Hz nominal - power cord included
Continuous printing 400 W, Ready mode 10 W, Power Saver mode: 9 W, Off 0 W. Energy Star®-compliant (1720dn model only)

Power Save options

Maximum current while printing

4.0 A at 230 v AC

Available options for this printer

Additional memory

Additional paper drawer

Optional 128 MB memory - one memory expansion slot available
Optional 550 sheet paper drawer. Additional paper capacity will reduce the frequency of paper 'top-ups' and (where supported by application software) can allow the use of different media in the same print job - for example, first page letterhead, second page plain paper

¹Standard (single-sided) print speed is from simplex print at default driver settings: duplex print speed is based on duplex print at appropriate driver settings.

²Single-sided paper labels are supported for occasional use (less than 20 pages per month). Labels such as vinyl labels, pharmacy labels or dual-sided labels are not supported. A6 long grain media is supported, A6 short grain is not. Cardstock up to 160 gsm is supported - short grain is recommended. Designed to exit out rear door. 75 gsm envelopes are recommended. Wrinkling may occur on the front side, but away from address or return address areas. Slight wrinkling (not in address areas) may occur on 90 gsm envelopes. Use envelopes that lay flat when placed individually, face-down on a table: the distance of any edge or corner from the table should be less than 3 mm.

³Toner yield based on printing pages with 5% coverage in accordance with ISO/IEC 19752 testing methodology, *Method for the determination of toner cartridge yield for monochromatic electrophotographic printers and multi-function devices that may contain printer components*. Yields vary with usage and environmental conditions.

⁴Toner recycling is available in the following countries only (as at March 2007): Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

⁵Service 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.

⁶Typical measurements based on ISO 7779.

⁷Tested in accordance with ISO 7779 and reported in accordance with ISO 9296, *Acoustics - Declared noise emission values of computer and business equipment*.

⁸User PC must have a wireless card, be connected to a wireless network and have the printer software installed for proper function. Dell Wireless Printer Adaptor not available in all countries.

⁹Blue Angel certification expected March 2007

EASY AS



VISIT WWW.EURO.DELL.COM FOR MORE INFORMATION.