

# 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

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### 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 service<sup>2</sup> 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	Description
<b>Printer type</b>	Monochrome laser printer available in personal (1720) and network /workgroup configurations (1720dn)
<b>Printer specifications</b>	
<b>Print speed<sup>1</sup></b>	Up to 28 A4 pages per minute (ppm). Actual print speed will vary with use.
<b>First page out time</b>	~ 7.5 sec (Simplex print, Standby or Power Saver mode) Warm-up time from power on to Ready state on LEDs ~ 20 seconds
<b>Print resolution</b>	600 x 600 dpi (printer default), 2400 interpolated image quality, 1200 interpolated image quality (driver default), 1200 x 1200 dpi True (half rated speed)
<b>User interface</b>	2 button, 6 LED layout with icon-based labels
<b>Print languages and font support</b>	<b>1720</b> - HP PCL® 5e and 6 emulation: 89 scalable fonts, 2 bitmapped fonts. PostScript® support on 1720 is limited to Mac OS only. <b>1720dn</b> - HP PCL® 5e and 6 emulation: 89 scalable fonts, 2 bitmapped fonts. PostScript® Level 3 emulation: 89 scalable fonts.
<b>Processor</b>	366 MHz ARM9 processor
<b>Memory</b>	<b>1720</b> - 16 MB RAM standard, 144 MB maximum (one memory expansion slot available). <b>1720dn</b> - 32 MB RAM standard, 160 MB maximum (one memory expansion slot available)
<b>Duty cycle</b>	Up to 25 000 pages per month
<b>Typical Monthly Print Volume</b>	<b>1720</b> - 500-1000 pages per month; <b>1720dn</b> 750-2000 pages per month
<b>Paper Handling</b>	
<b>Standard input drawer</b>	Capacity 250 sheets (75 gsm stock) in covered drawer
<b>Additional input drawer</b>	Optional 550 sheet drawer available
<b>Maximum input capacity</b>	800 sheets (250 + 550), 75 gsm stock
<b>Output capacity</b>	150 sheets
<b>Duplex (print both sides)</b>	Automatic duplex on 1720dn; print speed 14 A4 sides per minute <sup>1</sup>
<b>Media types supported<sup>2</sup></b>	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)
<b>Media sizes supported</b>	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
<b>Paper weights supported</b>	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
<b>Manual feed tray</b>	Single sheet/single envelope
<b>Envelope feeder</b>	Single feed via manual feeder
<b>Page layout options</b>	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
<b>Permitted paper sizes</b>	Maximum 216 x 356 mm - minimum 76 x 127 mm
<b>Printable area</b>	Within 4 mm on all edges of media - maximum 202 x 291 mm on A4 page
<b>Connectivity</b>	
<b>Interfaces</b>	<b>1720</b> - USB 2.0 (full speed) port, IEEE 1284-B compliant Parallel port (cables not included). <b>1720dn</b> - 10/100 BaseT Ethernet, USB 2.0 (full speed) and IEEE 1284-B compliant Parallel ports (cables not included)
<b>Supported Client or Network Operating Systems (OS)</b>	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 Netware-based Open enterprise Server, Netware 5.1, 6.0 & 6.5, SAP (1720dn model only) TCP/IP, peer-to-peer, IPX (Interwin utility only;non-64 bit)
<b>Supported Transport/Network protocols</b>	
<b>Wireless support<sup>3</sup></b>	Available via optional external Dell Wireless Printer Adaptor 3300. IEEE 802.11b/g connectivity; security protocols WPA - PSK, WEP (32 bit and 128 bit)
<b>Consumables</b>	
<b>Printer consumables</b>	Available through Dell online or by telephone
<b>Toner cartridges</b>	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 <sup>4</sup>
<b>Shipped toner cartridge</b>	Each <b>Dell 1720</b> printer ships with 1500 page toner cartridge, <b>Dell 1720dn</b> model ships with standard 3000 page toner cartridge <sup>5</sup> .
<b>Toner recycling</b>	Toner cartridges are recyclable using Dell's recycling programme, details of which are included with each product <sup>6</sup>

Features	Description
<b>Toner Save function</b>	Yes, via software driver
<b>Additional consumables</b>	Imaging drum - life approximately 30 000 pages (included with shipped printer). Replacement drums available through Dell online or by telephone.
<b>Language and regulatory certifications</b>	
<b>Supported languages</b>	<i>Printer user documentation</i> - English, French, Italian, German, Spanish, Danish, Dutch, Norwegian, Swedish, Finnish, Polish, Czech, Turkish, Russian, Arabic, Hebrew. <i>Printer driver software</i> - English, French, German, Italian, Spanish, Japanese, Simplified Chinese. <i>Printer firmware</i> - English, French, Italian, German, Spanish, Danish, Dutch, Norwegian, Swedish, Finnish, Polish, Czech, Turkish, Russian Latest printer drivers available from <a href="http://support.euro.dell.com">http://support.euro.dell.com</a>
<b>Safety and EMC certifications</b>	<b>EC</b> 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). <b>Germany</b> GS Mark. <b>Israel</b> SII. <b>Nordics</b> Nordic Dev (ITE). <b>Russia</b> Hygienics, GOST-R. <b>Saudia Arabia</b> SASO. <b>South Africa</b> SABS (EMC) CISPR 22:1993 + A1:1995 + A2:1996, SABS (Safety). <b>United States</b> FDA (Laser), FCC Part 15, UL 60950-1 (ITE), 21 CFR 1040 (Laser). <b>Canada</b> CSA C22.2 No. 60950-1, Industry Canada ICES-003 Class B/Canada NMB-003 Classe B
<b>Other certifications and compliances</b>	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
<b>Printer recycling</b>	Details of Dell's printer recycling programme are included with each new printer (available in Western Europe only)
<b>Printer management</b>	
<b>Printer Management</b>	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
<b>Service options</b>	
<b>Standard Service</b>	24 x 7 online Technical Support: 12 months Next Business Day Onsite service with 10 x 5 Telephone Technical support <sup>7</sup>
<b>Service Options</b>	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
<b>Fuser maintenance</b>	Dell Laser Printer next business day service includes fuser maintenance parts and part replacement for the duration of the service contract
<b>Physical Specifications</b>	
<b>Dimensions (mm)</b>	Printer: 396 mm W x 345 mm D x 254 mm H. Shipping carton: 430 mm W x 470mm D x 385 mm H
<b>Weight</b>	11.4 kg including toner cartridge; shipping weight 14.0 kg (slight variations depending upon versions of manuals shipped with printer)
<b>Kensington™ lock fitted?</b>	Yes, on rear of printer
<b>Operating environment</b>	<i>Operating:</i> air temperature 15°C to 32°C, Relative Humidity 8-80% non-condensing. <i>Storage (unpacked):</i> air temperature 0°C to 40°C, Relative Humidity 8-80%. <i>Storage (packaged):</i> air temperature -20°C to +40°C, Relative Humidity 8-95%. <i>Maximum operating altitude:</i> 2500 m <i>Printing (simplex mode):</i> Sound Pressure, Bystander position (LpAm) 51.0 dBA <sup>8</sup> , Average Sound Power (LwAm) declared 6.5 Bels (65 dB) <sup>7</sup> <i>Standby mode:</i> Sound Pressure, Bystander position (LpAm) 25.0 dBA <sup>8</sup> , Average Sound Power (LwAm) declared 4.1 Bels (41 dB) <sup>7</sup>
<b>Acoustics</b>	
<b>Power supply</b>	220-240 v AC, 47-63 Hz nominal - power cord included
<b>Power consumption</b>	Continuous printing 400 W, Ready mode 10 W, Power Saver mode: 9 W, Off 0 W. Energy Star®-compliant (1720dn model only)
<b>Power Save options</b>	30 minutes
<b>Maximum current while printing</b>	4.0 A at 230 v AC
<b>Available options for this printer</b>	
<b>Additional memory</b>	Optional 128 MB memory - one memory expansion slot available
<b>Additional paper drawer</b>	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

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

<sup>2</sup>Single-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.

<sup>3</sup>Toner 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.

<sup>4</sup>Toner 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.

<sup>5</sup>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.

<sup>6</sup>Typical measurements based on ISO 7779.

<sup>7</sup>Tested in accordance with ISO 7779 and reported in accordance with ISO 9296. Acoustics - Declared noise emission values of computer and business equipment.

<sup>8</sup>User 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.

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