

# HP Color LaserJet 3700 Series Printers

3700 • 3700n • 3700dn • 3700dtn



More for your money means more color, more quality and more value. Set yourself apart with color printing performance that's reliable, affordable and virtually effortless.

## More color, more value

- **More color for small- and medium-sized businesses.** Print color as fast as black and white—documents print at speeds up to 16 pages per minute. The first page prints quickly anytime!
- **More value thanks to more paper handling options.** HP's automatic two-sided printing option cuts paper consumption in half, resulting in real budget savings. Stay productive with an input capacity of up to 850 sheets. The printer comes with a standard 100-sheet multipurpose tray, a 250-sheet tray and an optional 500-sheet tray (standard with the 3700dtn model).
- **More memory whenever you need it.** The standard up to 128 MB memory can be expanded up to a maximum of 448 MB, enabling you to handle a large variety of color print jobs.
- **More time for what you do best.** The software toolbox provides quick access to printer status, alerts, troubleshooting and documentation, allowing users to concentrate on revenue-generating work. And with HP's reliable, high-yield print cartridges, you can print more documents with less user intervention.

## Trusted color printing

- **Impressive output quality with HP ImageREt 2400.** HP's latest color laser technology optimizes color accuracy and overall print quality.



- **Dependable...page after page after page.** With the quality and reliability of HP Color LaserJet printing, your documents print successfully, every time. And the printer is backed by HP's first-class service and support, with a one-year, onsite, limited hardware warranty.

## Effortless color

- **Easy to use and maintain.** With only four toner cartridges, the HP Color LaserJet 3700 Series is easy to operate and maintain even for first-time users. Newly designed, longer-lasting supplies ensure fast, efficient, economical operation with less intervention.
- **Simple to configure and manage.** HP's trusted Web Jetadmin software and a variety of networking options, including wireless, simplify network configuration and management.
- **At-a-glance monitoring.** HP Smart printing technology<sup>1</sup> allows toner levels to be precisely monitored via an intuitive, easy-to-read control panel.
- **Save time and effort.** If a cartridge needs to be replaced, access is easily gained through the printer's single door.

<sup>1</sup> Using genuine HP supplies ensures the availability of all HP printing features.

# HP Color LaserJet 3700 Series Printers

1. Interactive LCD control panel includes help and status messages and easy-to-understand supplies status indicators

2. One-door access to the four easy-to-install print cartridges

3. 150-sheet output tray

4. 100-sheet multipurpose tray

5. 250-sheet input tray

6. Optional 500-sheet input tray (standard on the 3700dtn model)

Rear output door provides a straight through paper path for printing envelopes, labels and heavy or light media

DIMM slots for adding memory or fonts

Productive printing with speeds up to 16 ppm for full-color and black-only documents

Instant-on fuser ensures a fast first-page-out, even when the printer has been in Powersave mode

Excellent print quality and professional looking output with HP ImageREt 2400 image refinement technology, advanced toner formulas and optimized HP print media

HP PCL 6, HP PCL 5c and Postscript Level 3 emulation drivers ensure dependable network printing

Worry-free printing with a one-year onsite warranty



## HP Color LaserJet 3700dtn shown

## Series at a glance



### HP Color LaserJet 3700

- 100-sheet multipurpose tray
- 250-sheet input tray
- 64 MB RAM
- 350 MHz processor
- One open EIO slot



### HP Color LaserJet 3700n

Base model plus:

- HP Jetdirect 615n internal EIO print server



### HP Color LaserJet 3700dn

Base model plus:

- HP Jetdirect 615n internal EIO print server
- Automatic two-sided printing
- Additional 64 MB RAM for a total of 128 MB RAM



### HP Color LaserJet 3700dtn

Base model plus:

- HP Jetdirect 615n internal EIO print server
- Automatic two-sided printing
- Additional 64 MB RAM for a total of 128 MB RAM
- 500-sheet input tray

# More for your money, more for your office. Show the true colors of your business!

## More color and efficiency

Now, thanks to the HP Color LaserJet 3700 Series, you can use color like never before—without slowing down or complicating workflow or costing you an arm and a leg. Print vibrant color images and sharp black text at impressive print speeds of up to 16 pages per minute. Also, the printer's instant-on fuser virtually eliminates warm-up time.

Designed with small workgroups and small businesses in mind, the printer is simple to install, use and maintain.

- Check supply status at-a-glance. The vertical in-line four-cartridge design makes it a snap to access and change cartridges through a single door.
- Eliminate printer downtime by using genuine HP Smart printing supplies<sup>1</sup> that enable status monitoring, proactive alert messages, Internet-enabled supplies ordering and convenient remote troubleshooting.
- Utilize a single access point to all printer information, provided by the HP Toolbox software: View printer status, manage printing functions and perform simple troubleshooting from your computer instead of from the printer control panel.

## More value

The HP Color LaserJet 3700 Series printers provide robust printing for your busy workplace with automatic two-sided printing capabilities (3700dn and 3700dtn models only), up to three input trays for a maximum capacity of 850 sheets and high-yield print cartridges.

Flexible media options let you use color for everything from internal business documents to sales brochures. Media type sensing capabilities mean that the printer automatically selects the best quality for your specific media type—you don't have to configure driver or control panel settings.

With best-in-class HP Jetdirect print servers, you can share the value of this color printing solution in a variety of network environments, including wireless networks.

Because the HP Color LaserJet 3700 is PDL-based (Printer Description Language) rather than host-based, it's a true network device. When a print job is sent from the PC to the printer, the HP Color LaserJet 3700 printer instantly grabs all the information and formatting that's needed. Nothing gets tied up; both the PC and the network are freed up for continued, smooth, non-stop productivity.

## More output quality

Whatever type of business you own or manage, you can now quickly and professionally print every document you'll ever need in eye-catching color: spreadsheets, brochures, flyers, leaflets, bills and invoices, marketing materials, handouts, catalogs, everything from postcards to posters. Whether it's a small job or a big job, use color to make an impression and set yourself apart!

The HP Color LaserJet 3700 Series printer provides the dependable, high-quality output you have come to expect from HP, along with the performance you need. The printer is automated and configured to produce the best possible output for all your printed documents.

The printer and HP Smart printing supplies<sup>1</sup> automatically provide the following:

- Precise dot size, placement and color control for a wide gamut of smooth colors and photographic-quality images
- Industry-leading image enhancements that deliver excellent tone scale, text sharpness and line clarity
- Color trapping advancements that eliminate color misregistration and white halos around solid colors
- Enhanced toner formulation with the HP print cartridge for uniform distribution of color and reliable fusing
- Unmatched reliability with simple installation right out of the box—only four print cartridges to insert

<sup>1</sup> Using genuine HP supplies ensures the availability of all HP printing features.

# HP Color LaserJet 3700 Series Printers

Technical specifications	HP Color LaserJet 3700 (Product number: Q1321A)	HP Color LaserJet 3700n (Product number: Q1322A)	HP Color LaserJet 3700dn (Product number: Q1323A)	HP Color LaserJet 3700dtn (Product number: Q1324A)
<b>Print speed<sup>1</sup></b>	Up to 16 ppm			
<b>First page out</b>	20 seconds or less			
<b>Processor</b>	MIPS RISC 350 MHz processor			
<b>Resolution</b>	True 600 x 600 dpi with HP ImageREt 2400 and HP's print quality refinement technologies, providing professional-looking color documents through a multi-level printing process			
<b>Memory</b>	64 MB		128 MB	
Standard	64 MB		128 MB	
Maximum	448 MB		448 MB	
<b>Duty cycle, monthly</b>	55,000 pages			
<b>Media</b>	Tray 1: 100-sheet capacity, tray 2: 250-sheet input capacity			Tray 1: 100-sheet capacity, tray 2: 250-sheet input capacity, tray 3: 500-sheet capacity
Media handling	Tray 1: 100-sheet capacity, tray 2: 250-sheet input capacity			Tray 1: 100-sheet capacity, tray 2: 250-sheet input capacity, tray 3: 500-sheet capacity
<b>Output capacity</b>	150-sheet output bin, 25-sheet rear output door for straight-through paper path			
<b>Duplex printing</b>	Manual		Automatic	
<b>Sizes</b>	Letter, legal, executive, envelopes (Monarch, No. 10); tray 1: 3 x 5 to 8.5 x 14 in; tray 2: 5.8 x 8.3 to 8.5 x 14 in		Letter, legal, executive, envelopes (Monarch, No. 10); tray 1: 3 x 5 to 8.5 x 14 in; tray 2: 5.8 x 8.3 to 8.5 x 14 in; tray 3: 8.5 x 11 in and 8.3 x 11.7	
<b>Weights</b>	Tray 1: 16 to 58 lb bond; tray 2 and optional tray 3: 16 to 28 lb bond			
<b>Types</b>	Paper (plain, glossy, tough, recycled), envelopes, transparencies, labels, cardstock			
<b>Connectivity</b>	IEEE 1284-compliant bidirectional parallel port, USB 1.1 port, open EIO slot			
Interfaces	IEEE 1284-compliant bidirectional parallel port, USB 1.1 port, open EIO slot		IEEE 1284-compliant bidirectional parallel port, USB 1.1 port, HP Jetdirect 615n internal print server in EIO slot	
<b>Printer languages</b>	HP PCL 6, HP PCL 5c, Postscript 3 emulation (automatic language switching)			
<b>Client operating systems</b>	Microsoft® Windows® 98, 98 SE, NT® 4.0, Me, 2000, XP 32-bit <sup>2</sup> ; Windows Server 2003, 32-bit <sup>2</sup> ; Mac OS X v 10.1 and later <sup>2</sup>			
<b>Network operating systems</b>	Via optional HP Jetdirect print servers: Microsoft Windows 98, Me, NT 4.0, 2000, XP and XP 64-bit, Windows Server 2003, Mac OS 9.1 and later; Novell NetWare 3.2, 4.2, 5.x, 6; Red Hat Linux 6.x and later; SuSE Linux 6.x and later; HP-UX 10.20, 11.x; Solaris 2.5x, 2.6, 7, 8 (SPARC systems only); IBM AIX 3.2.5 and later (requires software from the NOS vendor); MPEix			
<b>Network protocols supported</b>	TCP/IP, IPX/SPX, AppleTalk, Apple Rendezvous compatible, DLC/LLC, Auto-IP, IP Direct Mode, NDS, Bindery, NCP, NDPS, iPrint, Telnet, SLP, IGMP, BOOTP/DHCP, WINS, SNMP v 1 and 2c, HTTP, LPD <sup>3</sup> , FTP Printing <sup>3</sup> and IPP <sup>3</sup>			
<b>Dimensions (w x d x h)</b>	19 x 17.6 x 18.4 in		19 x 17.6 x 23.8 in	
<b>Weight</b>	73.3 lb		88.5 lb	
<b>What's in the box</b>	HP Color LaserJet 3700 printer, Getting Started Guide, setup poster, CD (software and user's guide), power cord, four HP Color LaserJet print cartridges (one each: cyan, magenta, yellow, black)	HP Color LaserJet 3700n printer, Getting Started Guide, setup poster, CD (software and user's guide), power cord, four HP Color LaserJet print cartridges (one each: cyan, magenta, yellow, black), HP Jetdirect 615n internal print server	HP Color LaserJet 3700dn printer, Getting Started Guide, setup poster, CD (software and user's guide), power cord, four HP Color LaserJet print cartridges (one each: cyan, magenta, yellow, black), HP Jetdirect 615n internal print server	HP Color LaserJet 3700dtn printer, Getting Started Guide, setup poster, CD (software and user's guide), power cord, four HP Color LaserJet print cartridges (one each: cyan, magenta, yellow, black), 500-sheet paper tray, HP Jetdirect 615n internal print server

<sup>1</sup> Print speed will be affected by media type, paper size, job complexity, host operating system and performance, and connectivity/cable type.

<sup>2</sup> Driver support is provided for 64-bit, but support is not provided for Installer or HP Toolbox.

<sup>3</sup> May require software from the NOS vendor or 3<sup>rd</sup> party vendor: LPD, FTP Printing, IPP. Printer driver support for the following OS provided via Internet: UNIX®, Linux and OS/2.

## Minimum system requirements

<b>PC:</b>	Windows 98: Pentium® 90 MHz, 16 MB RAM; Windows Me: Pentium 150 MHz, 32 MB RAM; Windows NT 4.0: Pentium 90 MHz, 32 MB RAM; Windows 2000: 300 MHz, 64 MB RAM; Windows XP: 300 MHz, 64 MB RAM; 180 MB free hard disk space (more because of e-toolbox), CD-ROM drive or Internet connection, USB or dedicated IEEE-1284 parallel port
<b>Macintosh:</b>	Macintosh OS X v 10.1 and later: 120 MB RAM
<b>Environmental ranges</b>	
Recommended operating temperature:	62.6 to 77° F (17 to 25° C)
Storage temperatures:	32 to 95° F (0 to 35° C)
Recommended operating humidity:	20 to 60% RH
Storage humidity:	10 to 90% RH (non-condensing)
<b>Acoustics</b>	
Sound pressure active:	49 dB(A)
Sound power:	6.4 B(A)
<b>Power requirements</b>	
Input voltage:	Input voltage 100 to 127 VAC (± 10%), 50/60 Hz (± 2 Hz), 5.3 amp
<b>Power consumption</b>	
Maximum printing:	400 watts maximum
Maximum:	14.5 watts Powersave
<b>ENERGY STAR® compliant</b>	
<b>Power certification</b>	
Safety certification:	USA (UL-UL 60950; FDA-21 CFR Chapter 1 Subchapter J for lasers). Class 1 Laser/LED Product; Canada (cUL-CAN/CSA C22.2 No.60950-00) USA (FCC Title 47 CFR Part 15 Class B). CISPR22 to Class B; Canada (Industry Canada ICES 003-CISPR 22)
Electromagnetic compatibility:	One-year, onsite, limited hardware warranty with phone and web support
<b>Warranty</b>	



## HP recommends Microsoft® Windows® XP Professional for mobile computing.

ENERGY STAR and the ENERGY STAR logo are U.S. registered marks of the United States Environmental Protection Agency. Microsoft, Windows and Windows NT are U.S. registered trademarks of Microsoft Corporation. UNIX is a registered trademark of The Open Group. Pentium is a U.S. registered trademark of Intel Corporation.

© 2003, 2004 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

For more information visit our website at [www.hp.com](http://www.hp.com)

5982-1407ENUC, 1/9/04, Rev. 3

## Ordering information

<b>Product number</b>	<b>Description</b>
Q1321A	HP Color LaserJet 3700 printer
Q1322A	HP Color LaserJet 3700n printer
Q1323A	HP Color LaserJet 3700dn printer
Q1324A	HP Color LaserJet 3700dtn printer
<b>Service and support</b>	
H4515E	HP Care Pack, installation (one unit)
H2872E	HP Care Pack, network installation (one unit)
U8037E	HP Care Pack, 3-year, next-day, onsite
U8038E	HP Care Pack, 3-year, same-day, onsite
<b>Paper handling</b>	
Q2486A	500-sheet paper feeder and tray
<b>Print cartridges</b>	
Q2670A	HP Color LaserJet Smart print cartridge, black, 6K pages <sup>4</sup>
Q2681A	HP Color LaserJet Smart print cartridge, cyan, 6K pages <sup>4</sup>
Q2682A	HP Color LaserJet Smart print cartridge, yellow, 6K pages <sup>4</sup>
Q2683A	HP Color LaserJet Smart print cartridge, magenta, 6K pages <sup>4</sup>
<b>Maintenance kits</b>	
Q3658A	Image transfer kit
Q3655A	Image fuser kit (110-127V)
<b>Cables</b>	
C6518A	Hi-Speed USB 2.0 cable, 2-meter
<b>Connectivity</b>	
J3258B	HP Jetdirect 170x print server: Ethernet
J6035C	HP Jetdirect 175x print server: Fast Ethernet, 10/100Base-TX
J7942A	HP Jetdirect on 3700 external print server: 10/100Base-TX
J6061A	HP Jetdirect 380x 802.11b wireless print server
J3264A	HP Jetdirect 500x print server: Token Ring
J3265A	HP Jetdirect 500x print server: Fast Ethernet
<b>Media</b>	
HPJ1124	HP LaserJet Paper, 500 sheets, letter
HPJ1132	HP Premium Choice Paper, 500 sheets, letter
Q1298A	HP LaserJet Tough Paper, 50 sheets, letter
Q2419A	HP High Gloss Laser Paper, 200 sheets, letter
C4179A	HP Soft Gloss Laser Paper, 200 sheets, letter
Q2415A	HP Soft Gloss Laser Paper, 500 sheets, letter
Q2413A	HP Cover Paper, 100 sheets, letter
92296T	HP LaserJet Monochrome Transparencies, 50 sheets, letter
C2924A	HP Color LaserJet Transparencies, 50 sheets, letter
Q2588A	HP White Address Labels 1 x 2-5/8, 3,000 labels
Q2590A	HP White Address Labels 1-1/3 x 4, 1,400 labels
Q2592A	HP White Shipping Labels 2 x 4, 2,000 labels
Q2594A	HP White Shipping Labels 3-1/3 x 4, 600 labels
Q2593A	HP White Return Address labels 1/2 x 1-3/4, 2,000 labels
Q2551A	HP White Full-Sheet Labels 8-1/2 x 11, 100 labels
<b>DIMMs</b>	
C4287A	4 MB Flash DIMM
C7848A	64 MB SDRAM DIMM
C7850A	128 MB SDRAM DIMM
C9653A	256 MB SDRAM DIMM

<sup>4</sup>Based on 5% average page coverage.



This datasheet has been downloaded from:

[www.DatasheetCatalog.com](http://www.DatasheetCatalog.com)

Datasheets for electronic components.



LittleDiode supplies new, hard to find or obsolete electronic components and semiconductors all over the world.

With over two million different components listed you are sure to find the part you need.

Feel free to visit us today at our online store:

[LittleDiode.com](http://LittleDiode.com)

Looking forward to providing you with the best possible service.