

HP Color LaserJet 2605 series printer

2605dn • 2605dtn



Add brilliant color to your business documents with an affordable desktop printer that delivers outstanding performance in an easy-to-use design.



Performance

- **Count on speed.** Boost user productivity and support easy workteam sharing with fast print speeds—up to 12 pages per minute (ppm) for black-and-white documents (up to 10 ppm color). Plus, Instant-on Technology delivers the first page in as little as 20 seconds from a cold start. You can finish entire jobs before competing printers have even warmed up.
- **Easily manage the printer and its supplies.** The intuitive, two-line, 16-character display makes it easy to set up, use, and maintain the printer and its supplies, taking the guesswork out of cartridge replacement. Increase the productivity of your office, with support for HP Web Jetadmin peripheral management software and convenient online supplies ordering via HP SureSupply.¹

Dazzling color

- **Enhance your documents with brilliant color.** With HP ColorSphere toner and HP ImageREt 2400, your documents are as dynamic as your business. HP ColorSphere toner is designed together with the printer to provide consistent, sharp color. Now you can easily integrate realistic images and photos into business documents.
- **Enjoy effortless color printing.** HP Smart printing technology² enables communication between the HP print cartridges and your printer—triggering automatic adjustments that optimize print quality and reliability.

Value

- **Depend on industry-leading performance and reliability.** Enhanced print drivers help you get the most from your Windows® or Macintosh environment. Print complex documents using sophisticated printer languages, with support for HP PCL 6 and HP postscript level 3 emulation. Broad compatibility ensures consistent, predictable results, regardless of the platform or operating system.
- **Expand your printing options.** Office printing just got easier and more versatile—with two-sided printing, a built-in photo memory card slot, and an input capacity of up to 500 sheets.³ Configure the printer to meet your specific needs.
- **Share your printer with built-in networking.** It's easy to share printing functions with a built-in print server that connects to a 10/100 Base-TX Ethernet/Fast Ethernet network.³

HP printing and imaging systems help you create powerful, professional communications easily. HP printers, supplies, accessories, and services are designed to work together and are invented to meet your business needs.

¹ For more information, visit www.hp.com/go/suresupply.

² Using genuine HP printing supplies ensures availability of all HP printing features.

³ Standard and available features vary according to model. For more information, see "Series at a glance" on page 2.

HP Color LaserJet 2605 series printer

- 1 Easy-to-use control panel with two-line, 16-character display provides instant supplies information
- 2 125-sheet output bin
- 3 One-door access to the four easy-to-install print cartridges
- 4 Priority feed slot for specialty paper and 250-sheet multipurpose tray 2
- 5 250-sheet input tray 3 (standard on dtn model; optional with dn model)
- 6 Automatic two-sided printing increases efficiency
- 7 64 MB of standard printing memory and a powerful 300 MHz processor perform complex tasks quickly
- 8 Built-in Hi-Speed USB 2.0 port
- 9 Built-in 10/100 Base-TX Ethernet/Fast Ethernet print server enables cost-effective networking
- 10 Photo memory card slots enable convenient photo printing (dtn model only)



HP Color LaserJet 2605dtn printer shown



Series at a glance



HP Color LaserJet 2605dn printer

- Priority feed slot for specialty paper
- 250-sheet multipurpose tray 2
- Automatic two-sided printing
- Built-in 10/100 Base-TX Ethernet/Fast Ethernet print server
- 2,500-page HP Color LaserJet Black Print Cartridge with HP ColorSphere toner⁴
- 2,000-page HP Color LaserJet Cyan, Yellow, and Magenta print cartridges with HP ColorSphere toner⁴



HP Color LaserJet 2605dtn printer

- 2605dn model, plus:
- 250-sheet input tray 3 for a total input capacity of 500 sheets
 - Photo memory card slots

⁴ Approximate page yield based on five percent page coverage.

Create professional documents and brilliant photos with HP ColorSphere toner. The printer's supplies are engineered to provide sharp text and graphics with consistent color quality throughout the life of the printer.



Color communicates more effectively

Statistics show that color improves comprehension, increases readership, accelerates learning, and reflects a professional image. No matter what your business creates, you can't afford not to use color. Print in color to produce more effective internal communications, including memos, e-mail, and spreadsheets. Create external communications—such as reports and proposals, letterhead and business cards, and presentation handouts—in color for a professional appearance. Develop full-color attention-getting marketing collateral that differentiates your business, such as brochures, flyers, and ads.

The HP Color LaserJet 2605 series printer easily and affordably brings the advantages of high-quality laser color to your business.

Superior HP print quality

The HP Color LaserJet 2605 series printer features an enhanced version of HP ImageREt 2400, a suite of innovative technologies developed to provide high-quality color documents and images. These color laser technologies include HP ColorSphere toner, HP Smart printing technology, and high resolution imaging.

The HP Color LaserJet 2605 series printer is designed together with the new HP ColorSphere toner and HP papers to provide optimized printing results. The new HP ColorSphere toner enables a wider range of color and higher gloss over previous HP color toners. HP ColorSphere toner particles are designed to be an extremely consistent size and shape. This consistency helps the particles fit together better on the page, giving you more consistent color in your prints, with subtle shades. Improved fusing technologies work in combination with the new toner for brilliant, intense colors every time you print.

Maintain your business, not your printer

Designed with ease-of-use, real-time status, and supplies management features, the HP Color LaserJet 2605 series printer delivers high-quality color, while lowering your total cost of ownership by minimizing printer downtime.

- HP Smart printing technology monitors and automatically adjusts print cartridge characteristics to ensure consistent print quality throughout cartridge life.⁵
- HP SureSupply helps you conveniently order supplies via the Internet when they are low.⁶
- There are only four easily-replaceable supplies for effortless printer maintenance.
- The two-line, 16-character display shows printer and supplies status at a glance.
- The HP Color LaserJet 2605 Toolbox provides easy remote access to printer settings, status information, the user's guide, and self-help and troubleshooting tips.

HP's commitment to reliability lowers your labor costs by virtually eliminating employee downtime due to troubleshooting and printer servicing. In fact, HP recently won its 14th award in a row from *PC Magazine's* "18th Annual Reader Satisfaction Survey." Readers evaluated printer manufacturers on a variety of criteria, including reliability and the quality of technical support.

Service and support from HP

HP's expert knowledge will help you make the most of your printer and ensure your equipment is running at peak efficiency. Start with a one-year, limited hardware, return to authorized service center warranty, backed by free telephone and Web support from the award-winning HP Customer Care. To further guarantee trouble-free operation, upgrade your printer with extended service and support options.

⁵ Using genuine HP supplies ensures availability of all HP printing features.

⁶ For more information, visit www.hp.com/go/suresupply.

HP Color LaserJet 2605 series printer

Technical specifications	HP Color LaserJet 2605dn printer (Q7822A)	HP Color LaserJet 2605dtn printer (Q7823A)
Print speed	Black: up to 12 ppm letter; color: up to 10 ppm letter	
First page out	20 seconds letter	
Resolution	HP ImageREt (Resolution Enhancement technology) 2400	
Processor	300 MHz	
Memory	64 MB built-in; expandable to 320 MB with one open, industry-standard, 100-pin DIMM slot	
Photo memory cards supported	CompactFlash, SmartMedia, Multi Media, Memory Stick, Memory Stick PRO, SD, xD Picture Card	
Duty cycle	Up to 35,000 pages per month	
Media		
Media handling	Priority feed tray 1 for special media, 250-sheet multipurpose tray 2, automatic two-sided printing	Priority feed tray 1 for special media, 250-sheet multipurpose tray 2, 250-sheet input tray 3, automatic two-sided printing
Output	125-sheet face down bin	
Sizes	Priority feed tray 1, tray 2 and tray 3: 3 by 5 in to 8.5 by 14 in (76.2 by 127 mm to 216 by 356 mm); letter, legal, executive, No. 10 envelopes, Monarch envelopes; Automatic two-sided printing: letter, legal	
Weights	Priority feed tray 1, tray 2: 16 to 47 lb (60 to 176 g/m ²), up to 53 lb (200 g/m ²) with HP laser cover papers, up to 59 lb (220 g/m ²) with HP laser glossy photo papers; Tray 3, automatic two-sided printing: 16 to 28 lb (60 to 163 g/m ²)	
Types	Paper (plain, letterhead, prepunched, bond, color, rough, preprinted, recycled), HP Color Laser Glossy Photo Paper, HP Color Laser Glossy Brochure Paper, HP Color Laser Matte Brochure Paper, HP Color Laser Matte Photo & Imaging Paper, HP Color Laser Soft Gloss Presentation Paper, HP color laser transparencies, labels, envelopes, cardstock	
Connectivity		
Interfaces	Hi-Speed USB 2.0 port, built-in 10/100 Base-TX Ethernet/Fast Ethernet print server	
Languages and fonts	HP PCL 6 and HP postscript level 3 emulation; 80 scalable TrueType™ fonts	
Client operating systems	Microsoft® Windows 2000, XP® 32-Bit, Server 2003; Mac OS X v.10.2 and later (complete solution); Microsoft® Windows 98 SE, ME, UNIX®, Linux®, and OS/2 (driver software only)	
Network operating systems	Via built-in print server: Microsoft Windows 98 SE, 2000, Me, XP 32-bit, Server 2003; Mac OS X v.10.2 and later	
Network protocols	Via built-in print server: TCP/IP (IP Direct Mode, LPD, SLP, Bonjour, BOOTP/DHCP/AutoIP, WINS, SNMP v1, HTTP, Novell)	
Dimensions (W by D by H)	16.1 by 17.8 by 15.5 in (407 by 453 by 395 mm)	16.1 by 17.8 by 19.4 in (407 by 453 by 492 mm)
Weight	43.8 lb (19.9 kg)	52.1 lb (23.6 kg)
What's in the box	2605dn printer, power cable, CD (includes the User Guide and printer software), Network Getting Started Guide, output tray extension, paper tray cover, 2,500-page HP Color LaserJet Black Print Cartridge with HP ColorSphere Toner, and 2,000-page HP Color LaserJet Cyan, Yellow, and Magenta Print Cartridges with HP ColorSphere Toner ⁷	2605dtn printer (includes photo card reader), power cable, CD (includes the User Guide and printer software), Network Getting Started Guide, 250-sheet input tray 3, output tray extension, paper tray cover, 2,500-page HP Color LaserJet Black Print Cartridge with HP ColorSphere Toner, and 2,000-page HP Color LaserJet Cyan, Yellow, and Magenta Print Cartridges with HP ColorSphere Toner ⁷

Operating environment

Operating temperature	59 to 90.5 degrees F (15 to 32.5 degrees C)
Recommended temperature	68 to 81 degrees F (20 to 27 degrees C)
Storage temperature	-4 to 104 degrees F (-20 to 40 degrees C)
Recommended relative humidity	20 to 70 percent, non-condensing

Acoustics⁸

Sound power	Printing: 6.1 B(A), Standby: 4.6 B(A)
Bystander sound pressure	Printing: 47 dB(A), Standby: 32 dB(A)

Power specifications

110-volt models:	110 to 127 VAC (± 10 percent), 60 Hz (± 3 Hz)
220-volt models:	220 to 240 VAC (± 10 percent), 50 Hz (± 3 Hz)

Power consumption⁹

	2605dn	2605dtn
Printing	255 watts	260 watts
Standby	18 watts	18 watts
Off	<1 watt	<1 watt
Typical Electricity Consumption (TEC):	2.946 kWh/Week	
ENERGY STAR [®] qualified models; see:	http://www.hp.com/go/energystar	

Product certifications

Safety certifications	IEC 60950-1 (International), EN 60950-1 (EU), IEC 60825-1+A1+A2, UL/cUL Listed (US/Canada), other safety approvals as required by individual countries
EMC certifications	CISPR 22:1993 +A1 +A2/EN 55022:1998 +A1 +A2 Class B, EN 61000-3-2:2000, EN 61000-3-3:1995+A1, EN 55024:1998+A1 +A2 FCC Title 47 CFR, Part 15 Class B (USA), ICES-003, Issue 4, (Canada), other EMC approvals as required by individual countries

Warranty

HP SureSupply enabled

One year, limited hardware, return to authorized service center warranty
To learn more, please visit www.hp.com/go/suresupply

⁷ Approximate page yield based on five percent coverage.

⁸ Configuration tested: base model, simplex printing, A4 paper at an average of 12 ppm. Values are subject to change. For current information see www.hp.com/support.

⁹ Values subject to change. See www.hp.com/support for current information. Power numbers are the highest values measured using all standard voltages.



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Printed in the U.S.A.

Ordering information

Product	Number
HP Color LaserJet 2605dn printer	Q7822A
HP Color LaserJet 2605dtn printer	Q7823A
Connectivity accessories	
HP Jetdirect en1700 USB 2.0 Print Server	J7988G
HP Jetdirect en3700 USB 2.0 Print Server	J7942G
HP Jetdirect ew2400 wireless USB 2.0 Print Server	J7951G
Paper handling	
250-sheet input tray 3	Q6459A
HP print cartridges with HP ColorSphere Toner⁷	
HP Color LaserJet Black Print Cartridge (2,500-pages)	Q6000A
HP Color LaserJet Cyan Print Cartridge (2,000-pages)	Q6001A
HP Color LaserJet Yellow Print Cartridge (2,000-pages)	Q6002A
HP Color LaserJet Magenta Print Cartridge (2,000-pages)	Q6003A
Memory	
HP 128 MB 100 MHz Synchronous DRAM DIMM	Q7709A
HP 64 MB 100 MHz Synchronous DRAM DIMM	Q7708A
HP 32 MB 100 MHz Synchronous DRAM DIMM	Q7707A
Cables	
USB cable, 2-meter	C6518A
Service and support	
HP 2-year/1-time Replacement Color LaserJet 2605 HW Service	UD929E
HP 3-year Next Business Day Exchange Color LaserJet 2605 HW Service	UC733E
HP 3-year Return to Depot Color LaserJet 2605 HW Service	HC123E
HP Network Install 1 Personal Printer	H3110E
Paper	
www.hp.com/go/everydaypapers	
USA: 1-800-477-5010	

For more information visit our website at www.hp.com

