

HP Business Inkjet 2800 Printer series



The HP Business Inkjet 2800 Printer series is the powerful, cost efficient, A3+ printer series. Experience low running costs with individual high-capacity ink cartridges, exceptional print quality and professional networking for small work teams.

The HP Business Inkjet 2800 Printer series targets small work teams in small, medium and large businesses.

Create fast and vibrant documents from postcard (A6) to poster (A3+) with up to 4800-optimised dpi¹.



HP Business Inkjet 2800
Printer

- Communicate more effectively with printing capabilities from A6 to A3+ on a wide variety of media.
- Produce vibrant, professional quality documents with up to 4800 x 1200-optimised dpi¹ colour on HP high-capacity printing supplies.
- Improve productivity with speeds of up to 24 ppm black and up to 21 ppm colour in draft mode.
- Print speed is enhanced by the printer's 96 MB of on-board memory, upgradeable to 544 MB.
- Reduce user intervention with a second 250-sheet paper tray².

Enjoy low running cost with four individual high-capacity ink cartridges and long-life printheads.



HP Business Inkjet 2800dt
Printer

- Four high-capacity individual ink cartridges (69 ml black and 28 ml colour) and long-life printheads reduce running cost and user intervention while increasing productivity.
- Enjoy greater flexibility and reduce paper cost with optional automatic two-sided printing³ up to A3+ size.
- High-volume monthly duty cycle of up to 12,000 pages supports volume printing due to printer robustness.
- Easily maintain your printer with backlit LCD and intuitive control panel.

Experience robust connectivity, easy network management and integration into any environment.



HP Business Inkjet 2800dtn
Printer

- The EIO internal print server⁴ enables you to connect swiftly and seamlessly to networks even in the most complex and varied print environments.
- It prints most sophisticated jobs with industry-standard PCL 5c, PCL 6, and Postscript Level 3 Emulation and provides compatibility with PC, Macintosh and major network operating systems.
- Easy and convenient print and network management through HP Remote Management Software (RMS) and Web Jetadmin helps to increase productivity and save time and money.

¹ Up to 4800 x 1200 optimised dpi colour printing on premium photo papers and 1200 x 1200 input dpi.

² The 250-sheet second paper tray is available on the HP Business Inkjet 2800dt and 2800dtn. It is optional on the 2800 model; not included, sold separately.

³ The automatic two-sided printing accessory is available on the HP Business Inkjet 2800dt and 2800dtn. It is an optional feature on the 2800 model; not included, sold separately.

⁴ The HP Business Inkjet 2800dtn is network-ready. Networking capabilities are optional on the 2800 and 2800dt model; not included, sold separately.

Technical specifications

Print technology	HP Thermal Inkjet				
Print head nozzles	304				
Print speed (Up to # pages per minute)	Document type	Draft	Fast normal	Normal	Best
	Black text A4	24	12.5	6.5	4
	Black text A3	13.5	6	4.5	3
	Mixed text/colour graphics A4	21	12	5	4
	Mixed text/colour graphics A3	12	5.5	3	2.5
	Approximate figures—exact speed will vary depending on the system configuration, software program, and document complexity media.				
Processor	Motorola 32-bit ColdFire 4e RISC, 256 MHz				
Print quality	Black: 1200 x 600 dpi Colour: Up to 4800 x 1200 optimised dpi on premium photo paper; HP Photorec III; Resolution Enhancement Technology				
Operating systems compatibility	Windows® 98, Me, NT, 2000, XP; OS 10.1.5, 10.2 Optional: UNIX, OS/2, Linux Latest driver updates available at http://www.hp.com/support/businessinkjet2800				
Network operating systems compatibility	Windows NT®, Windows® 2000, Windows 2003 Server, Netware (4.2, 5.1, 6.5), NT4 Terminal Server, NT4 Terminal Server with Citrix MetaFrame v 1.8, NT4 Terminal Server with Citrix MetaFrame XP, Windows 2000 Terminal services, Windows 2000 Terminal services with Citrix MetaFrame v 1.8, Windows 2000 Terminal services with Citrix MetaFrame XP, Windows 2003 Terminal services, Windows 2003 Terminal services with Citrix MetaFrame Presentation Server Optional: Windows® 98, Me, NT, 2000, XP; OS v 10.1.5, v 10.2, v 10.3				
Minimum system requirements	CD ROM; Microsoft® Internet Explorer v. 5 or later; Windows® 98: Pentium® 90 or higher, 16 MB RAM, 130 MB on hard disk; Windows Me: Pentium 150 or higher, 32 MB RAM, 130 MB on hard disk; Windows 2000: Pentium 300, 64 MB RAM, 160 MB on hard disk; Windows XP 32: Pentium 233, 64 MB RAM, 160 MB on hard disk; Windows XP 64: Pentium 233, 128 MB RAM, 160 MB on hard disk Macintosh: iMac 600 MHz, 128 MB; Power Mac G3 or later 400 MHz, 128 MB; iBook 366 MHz, 128 MB				
Memory	96 MB (upgradeable with two 100-pin SDRAM DIMM), expandable to 544 MB through 2 industry-standard DIMM slots Maximum: 544 MB				
Printer languages	HP PCL 5c, HP PCL 6, Postscript Level 3 Emulation				
Typefaces/fonts	80 built-in and scalable, 10-bit mapped fonts				
Duty cycle	Up to 12,000 pages per month				
Media types	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting)				
Maximum print area	320 x 1255 mm				
Print margins	A4: Top: 3 mm, left: 3.4 mm, right: 3.4 mm, bottom: 11.9 mm; A3: Top: 3 mm, left: 5 mm, right: 5 mm, bottom: 11.9 mm.				
Media handling	Input	Capacity	Weight	Size	
	Tray 1	Up to 150 sheets	60 to 286 g/m ² (including plain and photo media)	A3+, A3, A4, A5, A6, B4, B5, B6, C4, C5, C6, DL; custom: 90 x 146 to 330 x 1270 mm	
	Tray 2*	Up to 250 sheets	60 to 90 g/m ²	A3+, A3, A4, B4, B5	
	Duplex	–	60 to 90 g/m ² (plain paper); up to 135 g/m ² (brochure)	A3+, A3, A4, B4	
	Output: Sheets: up to 100, envelopes: up to 22, transparencies: up to 60 Duplex printing: Automatic (standard with dt/dtn; optional with 2800) *Standard with HP Business Inkjet 2800 dt/dtn				
Power	Requirements: Input voltage 100 to 240 VAC (± 10%), 50/60 Hz (± 2 Hz), 2.2 amp Supply type: Internal (built-in universal power supply) Consumption: Standby: 12 watts, Powersave: below 30 watts, Maximum: 67 watts				
Interface and connectivity	1 USB (compatible with USB 2.0 specifications) port, 1 IEEE 1284-compliant parallel port, 1 EIO slot Optional: HP Jetdirect (EIO) Internal Print Servers, HP Jetdirect External Print Servers, HP Jetdirect 802.11b Wireless (EIO) Internal Print Server, HP Jetdirect connectivity cards				
Control panel	Intuitive two-line text-based backlit LCD display, buttons: 1 each (Power, Help, LCD, Cancel, Resume); 2 status LED; 3 LCD Menu Navigation				
Software included	Acrobat Reader 5.05, Config editor, expand utility, INF locator, Scrubber				
Smart software features	Automatic two-sided printing, print task quick sets, emulate LaserJet margins, symmetrical margins, back to front, booklet layout, use different paper, pages per sheet, tiling, watermarks, resizing options, greyscale, fast normal mode				
Dimensions (w x d x h) (out of package/package)	HP Business Inkjet 2800 Printer: 676 x 498 x 199 mm/788 x 600 x 382 mm; HP Business Inkjet 2800dt/dtn Printer: 676 x 588 x 263 mm/788 x 600 x 544 mm				
Weight (out of package/package)	HP Business Inkjet 2800 Printer: 13.5 kg/17 kg; HP Business Inkjet 2800dt/dtn Printer: 19 kg/23 kg				
Printer management	HP Business Inkjet 2800 Toolbox, HP Web Jetadmin, HP Embedded Web Server				
Media sensor	Paper type sensor (optical sensor) – detects type of paper filled in tray, selects ideal print setting and colour map for best output print quality. Media width sensor (only activated when printing on media larger than A4 size) – notification if wrong media has been loaded to avoid ink and paper waste.				
Operating environment	Environmental ranges: Operating temperature: 5 to 40° C, recommended operating temperature: 15 to 35° C, operating humidity: 15 to 80% RH, recommended operating humidity: 20 to 80% RH, storage temperature: -40 to 60° C, storage humidity: 15 to 90% RH. Noise level per ISO 9296, sound power: LwAd 6.4 B(A) (printing in draft mode), 6.2 B(A) (printing in Default mode), sound pressure: LpAm 58 dB(A) (printing in draft mode), 53 dB(A) (printing in default mode)				
Certifications	Safety certifications: EN 60950/IEC 950 Compliance (International), UL Listed (USA), CSA (Canada), GS Certified (Germany), CE Marking (Europe), B (Poland), eK (Korea), S mark (Argentina), NOM-NYCE (Mexico), CCC S&E (China), PSB (Singapore). EMC certifications: FCC Title 47 CFR Part 15 Class B (USA) CTICK (Australia and New Zealand), VCCI (Japan), CE (European Union), BSMI (Taiwan), ICES (Canada), CCC S&E (China), MIC (Korea). Energy Star®				
Warranty	One-year limited hardware warranty				

Ordering information

C8174A	HP Business Inkjet 2800 Printer, Set up Roadmap, 4 ink cartridges [black (26 ml), colour (28 ml)], 4 print heads, getting started guide, power cord, driver CD
C8163A	HP Business Inkjet 2800dt Printer, as C8174A plus duplexer, 250-sheet tray
C8164A	HP Business Inkjet 2800dtn Printer, as C8163A plus HP Jetdirect EIO Internal Network Print Server (installed)
Accessories	
C8258A	HP Business Inkjet 2800 Series Duplexer
C8261A	HP Business Inkjet 2800 Series 250-sheet Tray
Q1887A	HP 64 MB SDRAM DIMM
C9121A	HP 128 MB SDRAM DIMM
Supplies	
C4844AE	HP 10 Large Black Ink Cartridge (69 ml)
C4836AE	HP 11 Cyan Ink Cartridge (28 ml)
C4837AE	HP 11 Magenta Ink Cartridge (28 ml)
C4838AE	HP 11 Yellow Ink Cartridge (28 ml)
C4810A	HP 11 Long-life Black Printhead
C4811A	HP 11 Long-life Cyan Printhead
C4812A	HP 11 Long-life Magenta Printhead
C4813A	HP 11 Long-life Yellow Printhead
Connectivity	
J7934A	HP Jetdirect 620n Internal Print Server
J7960A	HP Jetdirect 625n Gigabit Internal Print Server
J6058A	HP Jetdirect 680n 802.11b Wireless Ethernet Internal Print Server
J7951A	HP Jetdirect ew2400 802.11g Wireless & Fast Ethernet External Print Server (USB 2.0)
J3265A	HP Jetdirect 500x 10/100 External Print Server
J3263A	HP Jetdirect 300x 10/100 External Print Server
J6061A	HP Jetdirect 380x 802.11b Wireless External Print Server
J7942A	HP Jetdirect en3700 External Print Server
Service & support	
H7672A/E	HP Care Pack, next business day on-site, 3 years
H5777PA/PE	HP Care Pack, post warranty next business day on-site, 1 year
H3110A/E	Installation and Network Configuration

<http://www.hp.com>

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