

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 productive individuals and 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.

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 352 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.

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 back-lit LCD and intuitive control panel.

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

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.

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

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

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

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



HP Business Inkjet 2800 Printer



HP Business Inkjet 2800dtn Printer

Technical specifications

Print technology	HP Thermal Inkjet			
Printhead nozzles	304			
Print speed	Document type	Draft	Normal	Best
	Black text A4	Up to 24 ppm	Up to 6.5 ppm	Up to 4 ppm
	Black text A3	Up to 13.5 ppm	Up to 4.5 ppm	Up to 3 ppm
	Mixed text/colour graphics A4	Up to 21 ppm	Up to 5 ppm	Up to 4 ppm
	Mixed text/colour graphics A3	Up to 12 ppm	Up to 3 ppm	Up to 2.5 ppm
	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: Up to 1200 x 600 dpi. Colour: Up to 4800 x 1200 optimised dpi on premium photo paper Resolution Enhancement technology, HP Photoret III			
Operating systems compatibility	Microsoft® Windows® 2000, XP Home, XP Professional; Mac OS X v 10.1.5; Mac OS X v 10.2; Mac OS X v 10.3 Optional: UNIX, OS/2, Linux, latest driver updates available at http://www.hp.com/support/businessinkjet2800			
Network operating system compatibility	Microsoft® Windows® 2000, Windows 2003 Server, Netware (4.2, 5.1, 6.5), Window 2000 Terminal services, Windows 2000 Terminal services with Citrix MetaFrame 1.8, Windows 2000 Terminal services with Citrix MetaFrame XP, Windows 2003 Terminal services, Windows 2003 Terminal services with Citrix MetaFrame Presentation Server, optional: UNIX®, OS/2, Linux			
Minimum System Requirements	CD ROM; Microsoft Internet Explorer v. 5 or later; 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			
Memory	96 MB (upgradeable with two 100-pin SDRAM DIMM), Expandable to 352 MB through 2 industry-standard DIMM slots, maximum: 352 MB			
Printer languages	HP PCL 5c, HP PCL 6, HP Postscript Level 3 Emulation			
Typefaces/fonts	HP Jetdirect 620n Fast Ethernet internal print server J7934A, HP Jetdirect 625n Gigabit internal print server J7960A, HP Jetdirect 680n 802.11b wireless Ethernet internal print server J6058A, HP Jetdirect ew2400 802.11g wireless & Fast Ethernet external print server (USB 2.0) J7951A, HP Jetdirect 500x TR external print server J3264A, HP Jetdirect 500x 10/100 external print server J3265A, HP Jetdirect 300x 10/100 external print server J3263A, HP Jetdirect 380x 802.11b wireless external print server J6061A			
Duty cycle (monthly, A4)	Up to 12,000 pages			
Media types	Copier, bond, recycled, multipurpose, premium inkjet, premium inkjet heavyweight, premium transparency, premium photo paper, photo paper, professional brochure (matt and glossy), cards, envelopes and banner			
Maximum print area	320 x 594.1 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:	150 sheets (plain, inkjet, photo-paper), envelopes, labels, cards (index, greeting)	60 to 200 g/m ² (including plain paper, photo media and cards); manual rear feed enables media up to 270 g/m ² (one sheet at a time)	A3+, A3, A4, A5, A6, B4, B5, B6, C4, C5, C6, DL
	Tray 2:	250 sheets plain paper only	60 to 90 g/m ²	A3+, A3, A4, B4, B5
	Duplex unit:			A3+, A3, A4, B4
	Output:	Sheets: Up to 100 Envelopes: Up to 22 Transparencies: Up to 60		
	Size:	A3+ (305 x 457 mm), A3 (297 x 420 mm), A4 (210 x 297 mm), A5 (148 x 210 mm), A6 (105 x 148 mm), B4 (250 x 353 mm), B5 (176 x 250 mm), B6 (125 x 176 mm), C4 (229 x 324 mm), C5 (162 x 229 mm), C6 (114 x 162 mm), DL (110 x 220 mm), custom: 90 x 146 to 330 x 483 mm		
Power	Requirements: Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz), 2.2 amp Power supply: Internal: built-in universal power supply Consumption: Standby: 12 watts Powersave: below 30 watts Maximum: 67 watts			
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			
Dimensions (w x d x h)	Out of package: 676 x 498 x 199 mm (BJJ 2800) 676 x 588 x 263 mm (2800dtn) Packaged: 788 x 600 x 382 mm (BJJ 2800) 788 x 600 x 544 mm (2800dtn)			
Weight	Out of package: 13.5 kg (BJJ 2800) 19 kg (2800dtn) ; Packaged: 17 kg (BJJ 2800) 23 kg (2800dtn)			
Printer management	HP Business Inkjet 2800 Toolbox, HP Web Jetadmin, HP Embedded Web Server			
Operating environment	Operating temperature: 5 to 40° C, recommended operating temperature: 15 to 35° C, operating humidity: 15 to 80% RH, operating humidity recommended: 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	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) Safety: 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)			
Supplies life	For information on page yield, visit www.hp.com/go/pageyield , or see product packaging			
Warranty	One-year limited hardware warranty			

Ordering information

C8174A	HP Business Inkjet 2800 Printer, setup roadmap, 4 ink cartridges [black (26 ml), colour (28 ml)], 4 print heads, getting started guide, power cord, driver CD
C8164A	HP Business Inkjet 2800dtn Printer, setup roadmap, 4 ink cartridges [black (26 ml), colour (28 ml)], 4 print heads, getting started guide, power cord, driver CD, duplexer, 250-sheet tray, HP Jetdirect EIO Internal Network Print Server (installed)
Accessories	
J7934A	HP Jetdirect 620n Fast Ethernet Print Server
J7960A	HP Jetdirect 625n Gigabit Ethernet Print Server
C8258A	HP Inkjet Automatic Two-sided Printing Accessory
C8261A	HP Inkjet 250-sheet Paper Tray
J6058A	HP Jetdirect 680n 802.11b Wireless Print Server
J7951A	HP Jetdirect ew2400 802.11g Wireless and Fast Ethernet External Print Server
J3265A	HP Jetdirect 500x External Print Server (3 port parallel-10/100Base-TX/10 Base2)
J3263A	HP Jetdirect 300x External Print Server (parallel/10/100TX)
J6061A	HP Jetdirect 380x Wireless External Print Server (USB compatible with USB 2.0 specifications, 802.11b)
J7942A	HP Jetdirect en3700 Fast Ethernet Print Server
Supplies	
C4844AE	HP 10 Black Ink Cartridge
C4836AE	HP 11 Cyan Ink Cartridge
C4837AE	HP 11 Magenta Ink Cartridge
C4838AE	HP 11 Yellow Ink Cartridge
C4810A	HP 11 Black Printhead
C4811A	HP 11 Cyan Printhead
C4812A	HP 11 Magenta Printhead
C4813A	HP 11 Yellow Printhead
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

For a complete list of supplies, media and accessories, please refer to the HP website at <http://www.hp.com>

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