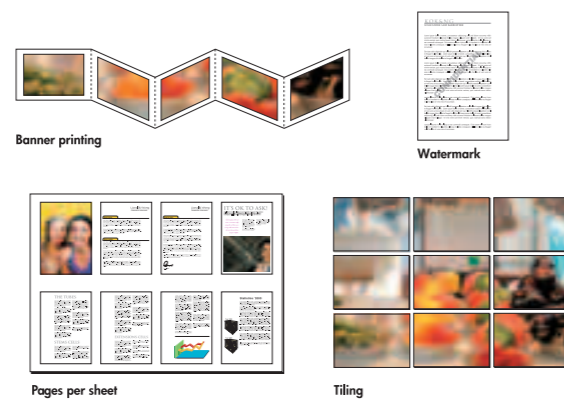# Superior performance and paper handling

The HP Business Inkjet 2800 printer series meets your small workteam's wide-format colour printing needs. Print vibrant super B/A3+ poster-sized material with colour performance comparable to an entry-level colour laser printer. With a low purchase price and cost-effective operation, the printer delivers fast, affordable colour for your business. Boasting high print speeds and designed for sharing, the printer is easy to use and fits seamlessly into your existing network.

Create marketing materials in-house

Get the flexibility to create full-colour prints from postcard to poster in your office. Make an impact using a wide variety of specialty and everyday paper and film (up to A3+ size), for everything from newsletters and proposals to technical drawings. Even greater flexibility can be added with an optional barcode printing solution.

Keep efficiency high and user intervention low

Two input trays, with 250-sheet and 150-sheet capacities, provide flexible media handling and lower user intervention rates. An automatic two-sided printing unit further enhances performance, conserving paper while effortlessly producing professional print results.

Finish your print jobs faster

Keep productivity high. Spend less time waiting for print jobs to complete with print speeds of up to 24 ppm[1] black and white and 21 ppm[1] colour (letter) in draft mode.

Get amazing colour results in print

Outstanding colour documents can be created with the HP Business Inkjet 2800 printer series, thanks to 4800 x 1200-optimised dpi on HP Premium Photo Paper and advanced HP technologies such as HP PhotoREt III and HP ColorSmart III.

Banner printing

Watermark

Pages per sheet

Tiling

Create professional marketing material easily

Built-in auto-duplexer[1] makes two-sided printing so convenient

Sharper image with HP PhotoREt III

Sharper images with 4800 x 1200-optimised dpi resolution

[1] Exact speed depends on system configuration, software programs and document complexity.

HP Business Inkjet 2800 printer series
Technical specifications

Print technology	HP thermal inkjet				
Print speed (letter/A4)[1]		Draft	Fast Normal	Normal	Best
	Black text	24 ppm	12.5 ppm	6.5 ppm	4 ppm
	Mixed text colour	21 ppm	12 ppm	5 ppm	4 ppm
	Full page colour	–	–	2.3 ppm	0.7 ppm
Resolution	HP PhotoREt III enhanced colour-layering technology or up to 4800 x 1200-optimised dpi colour printing on premium photo papers, 1200 x 1200-input dpi				
Supplies yields	Ink cartridges C, M, Y (28 ml): up to 1,750 pages at 5 percent coverage per colour; Replacement ink cartridge K (69 ml): up to 1,750 pages at 5 percent coverage; Printheads C, M, Y: up to 24,000 pages at 5 percent coverage per colour; Printhead K: up to 16,000 pages at 5 percent coverage				
Processor	256 MHz Motorola 32-bit ColdFire 4e RISC				
Memory	96 MB RAM, expandable to 544 MB				
Duty cycle	Up to 12,000 pages per month				
Paper handling	150-sheet main input tray, 250-sheet input tray (optional for 2800), automatic two-sided printing unit (optional for 2800), 100-sheet output tray with extender				
Custom paper sizes	90 x 146 mm (3.54 x 5.75 inches) to 330 x 1270 mm (13 x 50 inches)				
Standard paper sizes	Letter, legal, tabloid, super B, executive, statement, index cards, 8.5 x 13 inches, envelopes (No. 10, Monarch); A3+, A3, A4, A5, A6, B4, B5, B6, C4, C5, C6, DL				
Paper weights	Tray 1: 60 to 286 g/m² (16 to 76 lb), including plain and photo media; Tray 2: 60 to 90 g/m² (16 to 24 lb)				
Media types	Tray 1: Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting) Tray 2: Plain paper only				
Interfaces	**2800**[2]: IEEE 1284-compliant parallel, Full-Speed USB 2.0, one open EIO slot **2800dtn**[2]: IEEE 1284-compliant parallel, Full-Speed USB 2.0, HP Jetdirect 620n Fast Ethernet internal print server installed in the EIO slot				
Printer languages	HP PCL 5c, HP PCL 6, HP postscript level 3 emulation				
Fonts	Supports HP80 fonts (45 TrueType and 35 PostScript fonts built-in, all postscript emulation and HP PCL 5e and HP PCL 6 accessible). Intellifont and TrueType rasteriser built into HP PCL 5e and HP PCL 6. Built-in support for Arabic, Cyrillic, Greek, Hebrew, and Ukrainian symbol sets. There are 49 symbol sets in HP PCL 5e and HP PCL 6 to support all the languages that use these characters.				
Client operating system	Windows® 2000, XP, Windows Vista®; Mac OS 10.1.5, 10.2, 10.3[4]				
Network operating system	Windows® 2000, Windows Vista®, Windows® 2003 Server, NetWare (4.2, 5.1, 6.5), Windows® 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				
Minimum system requirements	Windows® 2000 Pentium® 300, 64 MB RAM, 160 MB free hard disk space; Windows® XP 32: Pentium® 233, 64 MB RAM, 160 MB free hard disk space; Windows® XP 64: Pentium® 233, 128 MB RAM, 160 MB free hard disk space; Mac 600 MHz, 128 MB; Power Mac G3 or later 400 MHz, 128 MB; iBook 366 MHz, 128 MB				
Dimensions (w x d x h)	**2800**[2]: 676 x 498 x 199 mm (26.6 x 19.6 x 7.8 inches) **2800dtn**[2]: 676 x 588 x 263 mm (26.6 x 23.1 x 10.4 inches)				
Weight	**2800**[2]: 13.5 kg (29.7 lb) **2800dtn**[2]: 19 kg (41.8 lb)				
Operating environment	Operating temperature: 15 to 35° C (59 to 95° F) Storage temperature: -40 to 60° C (-40 to 140° F) Relative humidity: 15 to 80 %, RH non-condensing				
Acoustics	Default mode: 6.2 B(A); Draft mode: 6.4 B(A)				
Power specifications[5] Energy Star® compliant	Input requirements: 100 to 240 VAC (±10%), 50/60 Hz (± 2 Hz), 2.2 amp; Consumption: Maximum: 67 watts; Powersave: less than 30 watts; Standby: 12 watts				
Product certifications	Safety: EN 60950/IEC 950 Compliance (International), UL Listed (USA), CSA (Canada), GS Certified (Germany), CE Marking (European Union), B (Poland), eK (Korea),S mark (Argentina), NOM-NYCE (Mexico), CCC S&E (China), PSB (Singapore); EMC: 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); Data communications: 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), GOST (Russia)				
Warranty	One-year limited hardware warranty. Warranty varies according to country. Please check with your local Hewlett-Packard sales office or your nearest authorised dealer for details.				

[1] Approximate figures. Exact speed depends on system configuration, software programs and document complexity.
[2] Only available in selected Asia Pacific countries.
[3] Only available in Australia, Japan, Korea and New Zealand.
[4] Mac OS 10.3 supported only with network connections.
[5] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.

Printed in Singapore, 20080074-EEP, April 2008

Ordering information

Number	Description
C8174A	HP Business Inkjet 2800 Printer[3]
C8164A	HP Business Inkjet 2800dtn Printer[3]

Paper handling

C8261A	250-sheet input tray
C8258A	Automatic two-sided printing unit

Supplies

C4844A	HP 10 Black ink cartridge (69 ml)
C4836A	HP 11 Cyan ink cartridge (28 ml)
C4837A	HP 11 Magenta ink cartridge (28 ml)
C4838A	HP 11 Yellow ink cartridge (28 ml)
C4810A	HP 11 Black printhead
C4811A	HP 11 Cyan printhead
C4812A	HP 11 Magenta printhead
C4813A	HP 11 Yellow printhead

Media

Q1930A	HP Premium Inkjet Paper, A4
Q1937A	HP Premium Inkjet Paper, A3
Q1951A	HP Premium Plus Photo Paper, High Gloss, A4
Q5497A	HP Premium Plus Photo Paper, High Gloss, A3
C6765A	HP Photo Paper, Glossy, A4
Q6593A	HP Professional 120 Matte, A4
Q6594A	HP Professional 120 Matte, A3
C5977B	HP Bright White Inkjet Paper, A4[3]
Q2398A	HP Everyday Paper, Letter[3]
Q2399A	HP Everyday Paper, A4[3]
Q2400A	HP Everyday Paper, A3[3]
Q2511A	HP Everyday Photo Paper, Semi-Gloss, A4

Print servers

J7934A	HP Jetdirect 620n Fast Ethernet internal print server
J7960A	HP Jetdirect 625n Gigabit internal print server
J6058A	HP Jetdirect 680n 802.11b wireless Ethernet internal print server
J3263A	HP Jetdirect 300x 10/100 external print server
J6061A	HP Jetdirect 380x 802.11b wireless external print server
J3264A	HP Jetdirect 500x TR external print server
J3265A	HP Jetdirect 500x 10/100 external print server

Cable

C2950A	IEEE 1284 cable (a-b) 2 meter
C2951A	IEEE 1284 cable (a-b) 3 meter
C6518A	USB cable (a-b) 2 meter

Service and support

H3110A/E	HP Install Network Personal/Workgroup Printer Service
H4513A/E	HP Install 1 Personal/Workgroup Printer Service
UA324PA/PE	HP 1 year, Post Warranty Return Service
H5776PE	HP 1 year Post Warranty, Next Business Day Exchange Service
H5777PA/PE	HP 1 year Post Warranty, Next Business Day Hardware Support
H7672A/E	HP 3 year, Next Business Day, Hardware Support
H7674A/E	HP 3 year, Next Business Day, Exchange Service
U9803A/E	HP 4 year, Next Business Day, Hardware Support
U9804A/E	HP 5 year, Next Business Day, Hardware Support
UA146A/E	HP 3 year, Return Service

[3] Available in selected Asia Pacific countries only. Licensed by HP to be sold by International Paper Company.

For more information on
HP Care Pack, visit:
http://www.hp.com/apac/hpservices/carepack
HP Instant Support Professional Edition (ISPE), visit:
http://instantsupport.asiapac.hp.com
For more information on support, visit: http://www.hp.com/support
For more information on HP genuine parts, visit:
http://www.hp.com/go/hpparts
For specific warranty details, please check with your local country resellers.

For more information, call your local Hewlett-Packard sales office or your nearest HP authorised dealer or visit us at www.hp.com

HP customer information centre (for product information)

Australia	13 23 47
China	800 820 2255
Hong Kong	800 938 833
India	3030 4499
Indonesia	0800 1111 222
Korea	080 703 0700
Malaysia	1800 88 9886
New Zealand	0800 733 547
Philippines	1800 1441 6688
Singapore	1800 278 8100
Taiwan	0800 236 686
Thailand	+662 353 9000
Vietnam	+848 823 6215

HP customer care centre (for post-sales service)

Australia	13 10 47
China	800 810 5959
Hong Kong	+852 3002 8555
India	1600 112 267
Indonesia	+62 21 350 3408
Korea	+82 2 3270 0700
Malaysia	1800 88 9886
New Zealand	0800 449 553
Philippines	+63 2 867 3551
Singapore	+65 6 272 5300
Taiwan	+886 2 8722 8000
Thailand	+662 353 9000
Vietnam	+848 823 4530

For the following countries, please fax your queries to: +65 6275 6707
• Bangladesh • Bhutan • Brunei • Cambodia • Maldives
• Nepal • Pakistan • Sri Lanka

HP Business Inkjet 2800 printer series
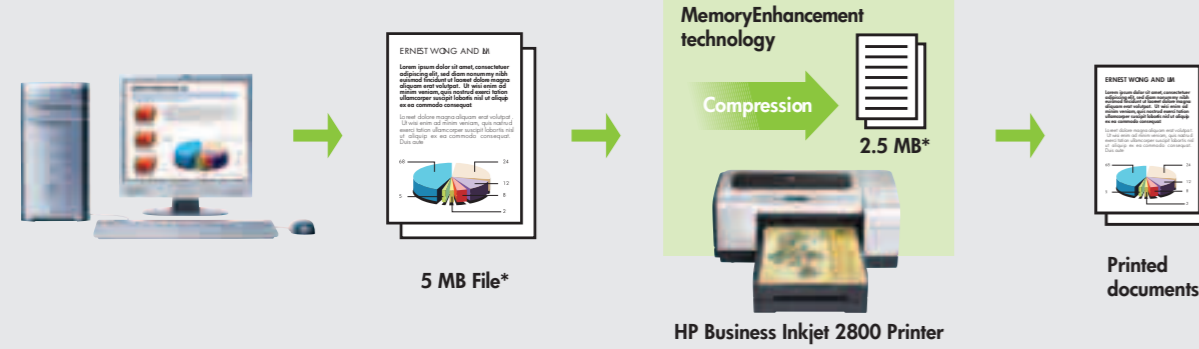## —cost-effective, wide-format printing for workgroups

Cost-efficient productivity and easy maintenance

Compress print data for even higher productivity—Memory Enhancement technology

ERNST WONG AND M

5 MB File*

Compression

MemoryEnhancement technology

2.5 MB*

HP Business Inkjet 2800 Printer

ERNST WONG AND M

Printed documents

* Exact compression value varies depending on actual file complexity.

HP's Memory Enhancement technology virtually doubles printer memory via data compression

Cruise through complex print jobs
A powerful 256 MHz processor and 96 MB of RAM (upgradeable to 544 MB) handle complex print jobs easily, reducing bottlenecks in the print queue. To further optimise performance, the HP Business Inkjet 2800 printer series also includes Memory Enhancement technology, which automatically compresses print data, virtually doubling available memory.

Cost-saving HP Business Inkjet ink system
Four individual high-capacity ink cartridges (one 69 ml black and three 28 ml colour ink cartridges) and individual long-life printheads mean that ink replacement occurs less frequently, and only requires replacing the cartridge that has run out. And that means reduced operating costs.
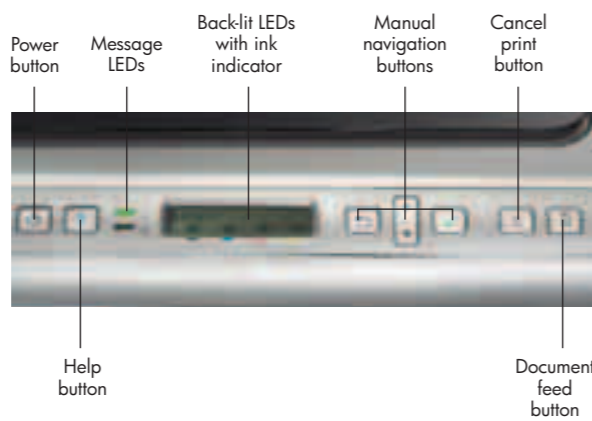
Innovative total printing solution
HP Smart printing technology[2] in your printer and its supplies enables status monitoring and alert messages, provides continuous, automatic adjustments to optimise print quality, and ensures crisp, sharp text and vibrant images every time you print.

Functional, efficient control panel
The easy-to-understand back-lit LCD control panel provides walk-up access to simple printer configuration, maintenance and troubleshooting. Intuitive controls allow user to easily manage print jobs and monitor ink status. A one-touch cancel button lets you cancel print jobs immediately, reducing wasted ink and time.

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

Individual Ink

Only replace the cartridge that has run out

Power button | Message LEDs | Back-lit LEDs with ink indicator | Manual navigation buttons | Cancel print button

Help button | Document feed button

See everything at a glance with easy-to-use control panel

Comprehensive networking features and robust performance

Flexible connectivity options with HP Business Inkjet 2800 printer series

Parallel port

USB

Back of printer   HP Business Inkjet 2800 Printer

HP Jetdirect 620n Fast Ethernet print server
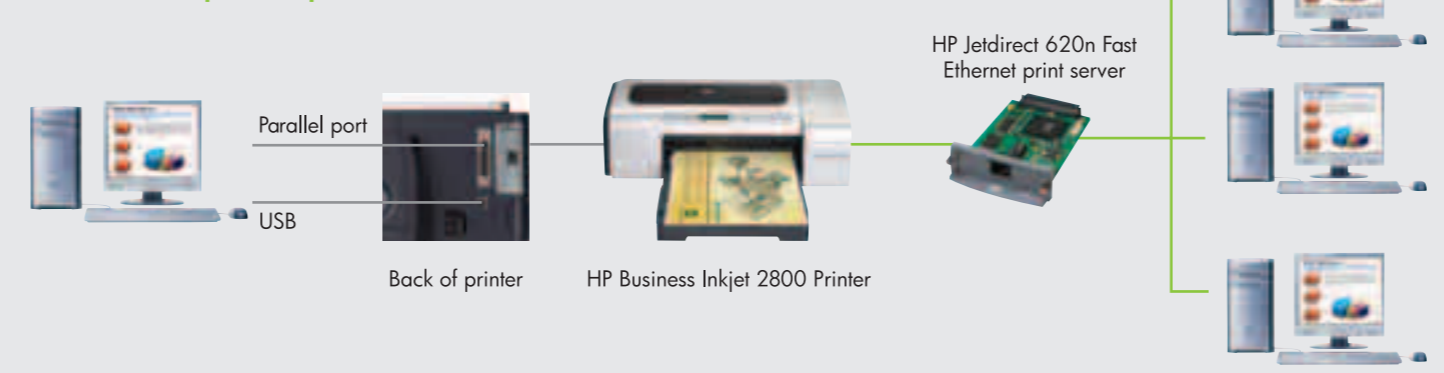
Comprehensive connectivity options
The HP Business Inkjet 2800 printer series is equipped with sophisticated networking features for up to 10 users, via the EIO slot and HP 620n Fast Ethernet internal print server. Further connection options include a Full-Speed USB 2.0 port and a parallel port. You can seamlessly integrate the printer into your office network environment.

Dependable network compatibility
Built-in HP PCL 5c, HP PCL 6 and HP postscript level 3 emulation print drivers ensure greater compatibility with even the most complex networking environments, while delivering network traffic and reduced server load.

Easy network management
HP's remote management software, HP Web Jetadmin, helps you conveniently and remotely install, configure and manage your printer. Your technology administrator can perform diagnostics, enable automatic e-mail alerts and monitor job tracking and accounting.

Reliable and robust operation
Incorporating renowned HP reliability and quality, together with a 12,000-page monthly duty cycle, the HP Business Inkjet 2800 printer series is designed to operate under the demanding needs of a networked office workgroup.

Worldwide support that's world renowned
For even greater peace of mind, every HP product comes with award winning HP service and support—HP Customer Care. Our highly experienced and knowledgeable customer service professionals are there to help you—online (www.hp.com/support), via email or on the phone for fast response—round the clock, round the globe in as many as 18 languages.

HP Customer Care offers full-service support through a broad range of services, including setup and installation, warranty upgrades, troubleshooting tools, repair and exchange services, phone and Web support, software updates and self-maintenance services. Our wide range of warranty and repair options give you maximum flexibility and convenience—you can return your product directly to HP or your local retailer or an HP repair center[3]. If you choose to do the repairs yourself, you can trust HP to quickly deliver all the parts you need.

[3] Service and support options and availability vary by product, country/region and language.

HP Web Jetadmin
HP Embdedded Web Server
HP Toolbox

HP Business Inkjet 2800 Printer

HP Web Jetadmin provides easy printer management so much easier

Duty cycle
12,000
pages/mth

Up to 12,000 pages/month duty cycle

Best Support Services 2003

HP voted best in service and support for 9 years running

HP Business Inkjet 2800 printer series

1. Easy-to-read back-lit LCD screen and helpful control panel buttons, including power, help, cancel, resume and three menu navigation buttons

2. Four separate, longlasting printheads and print cartridges for low-maintenance, cost-effective printing

3. 100-sheet output tray

4. Up to 400-sheet input capacity with standard 150-sheet main input tray and second 250-sheet tray

5. High-performance networking for up to ten users with the HP Jetdirect 620n Fast Ethernet print server

6. Built-in Full-Speed USB 2.0 and IEEE 1284-compliant parallel ports

7. Powerful 256 MHz processor and 96 MB RAM, expandable to 544 MB via two open DIMM slots

8. Automatic two-sided printing unit for professional documents with minimal user intervention

1
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HP Business Inkjet 2800dtn[1] shown

HP Business Inkjet 2800 printer series at a glance

HP Business Inkjet 2800[2]
- 150-sheet main input tray
- 100-sheet output tray with extender
- IEEE 1284-compliant parallel and Full-Speed USB 2.0 ports
- One open EIO slot for optional network connectivity

HP Business Inkjet 2800dtn[1]
Base model plus:
- Automatic two-sided printing
- 250-sheet tray 2 for a 400-sheet input capacity
- HP Jetdirect 620n Fast Ethernet internal print server in the EIO slot

[1] Only available in Australia, Japan, Korea and New Zealand.

[2] Only available in selected Asia Pacific countries.

Science matters—when results matter
HP spends over US$1 billion a year on printing and imaging research so you get quality printing that reflects the quality of your business.

HP ink science
Patented HP inks contain many components, specially engineered to meet specific performance and reliability needs. HP devotes up to three years and evaluates up to 100 formulas to perfect each new ink. HP inks are also exhaustively tested—over 70 tests, 20 on purity alone—to prevent nozzle clogging and to ensure the best print quality.
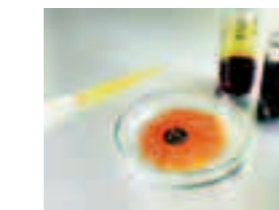
HP paper science
HP business communication papers are more than just paper. Each sheet contains layers of special materials and coatings to interact flawlessly with HP printers and inks—taking the guesswork out of brilliant printing. Used with HP printers and inks, HP business communication papers enable you to print professional-looking proposals, reports, brochures and sales tools.

Original HP Supplies
The science behind brilliant printing