

# HP Business Inkjet 1200 printer series Low cost colour. High performance.





## Lowered costs, increased returns



HP's low running-cost colour printer<sup>1</sup>, the HP Business Inkjet 1200 printer series is the ideal solution for high-productivity individuals or small workteams in general office environments. Four separate ink cartridges, automatic two-sided printing<sup>2</sup>, built-in wireless networking<sup>3</sup>, fast print speeds and 4800 x 1200-optimised dpi colour printing on premium photo paper enable the printer to deliver quality, performance and cost savings in one economical package. So you can maximise your investment as well as your office productivity.

#### Keep costs reined in easily

With four individual high-capacity replacement ink cartridges that hold a single colour each, you replace only that colour when a cartridge runs out. This eliminates waste, saves you money and helps deliver consistent quality prints at a low cost per page. For even greater savings, the four printheads, rated at 16,000 pages for black and 24,000 pages for colour, are separate from the cartridge—you don't throw away a functional printhead when replacing an empty cartridge.

To further reduce both downtime and running costs, a unique ink cartridge pressurisation system maintains a constant supply of ink to the long-life printheads at all times. Printhead nozzle clogging is minimised with the printer's unique wetwiping system that eliminates wasteful ink-spitting and nozzle-flushing procedures.

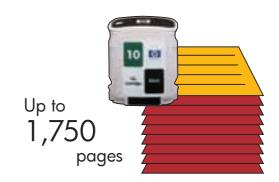
## Add colour affordably

The high capacity ink cartridges have a yield of up to 1,750 pages (based on 5% ink coverage per colour), reducing the number of times you have to replace ink cartridges. Along with HP Smart Printing Technology<sup>4</sup>, which automatically adjusts HP print supplies for the best print quality and optimum yields, it adds up to reduced cost per page for you.

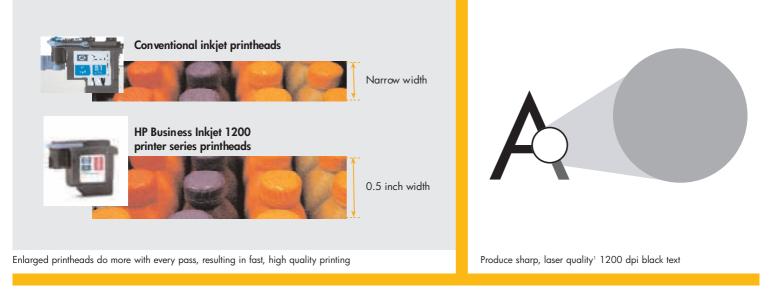
- <sup>1</sup> Running cost comparisons based on supplies usage (ink or toner and customer replaceable parts only) at 5% per colour and 5% black per page. This is an internal comparison among HP colour laser and ink printers and is based on HP estimates of resale price. Actual prices may vary.
- <sup>2</sup> Not available with HP Business Inkjet 1200 Printer. Not available as an optional upgrade or accessory.
- <sup>3</sup> Available only with HP Business Inkjet 1200dtwn Printer. Not available as an optional upgrade or accessory. Wireless performance is dependent upon distance and terrain between wireless network clients and printer.
- <sup>4</sup> Using genuine HP supplies ensures availability of all HP printing features.



Only replace the cartridge that has run out



HP cartridges are great value, yielding 1,750 pages at 5% coverage per colour



## Speed through your print jobs

Print at speeds of up to 28 pages per minute<sup>2</sup> (ppm) black and 24 ppm<sup>2</sup> colour in draft mode (up to 9 ppm<sup>2</sup> black and 8 ppm<sup>2</sup> colour in normal mode). Laser quality output<sup>1</sup> can be printed at up to 7 ppm<sup>2</sup> black and 6 ppm<sup>2</sup> colour.

The printer includes HP PCL 3 enhanced driver language with HP's High Performance Architecture compresses print files at a very high ratio, making them much smaller in size. Thus traffic to the printer is reduced and files are transferred more quickly.

The 240-MHz Motorola 32-bit Coldfire 4e HPA processor comes with 32 MB built-in RAM that is augmented by HP's Memory Enhancement technology, which virtually doubles printer memory by automatically compressing data.

A powerful carriage motor allows rapid and accurate placement of the printheads, while the printheads themselves have been enlarged to allow faster firing speed and more ink drops per colour per dot.

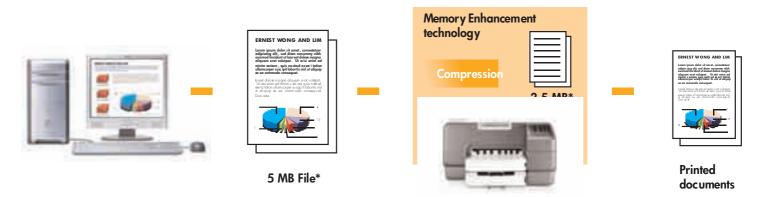
All these add up to faster print speeds even at high resolutions and photo realistic image quality. Reduce waiting time and increase productivity with the HP Business Inkjet 1200 printer series.

## The best of both worlds—in colour or black and white

Get professional prints at up to 4800 x 1200-optimised dpi colour on premium photo papers. When combined with advanced HP inkjet-printing technologies, such as HP PhotoREt III, HP Colorsmart III, intelligent dot placement and high-resolution image rendering, the 4800-optimised dpi mode provides stunning true-to-life photo quality with accurate, realistic detail. Even superb laser quality<sup>1</sup> 1200 dpi black text on inkjet paper can be produced at speeds rivalling entry level colour laser printers, with HP's unique method of black ink fortification. Exactly what you need to produce impactful, clear and convincing business communications.

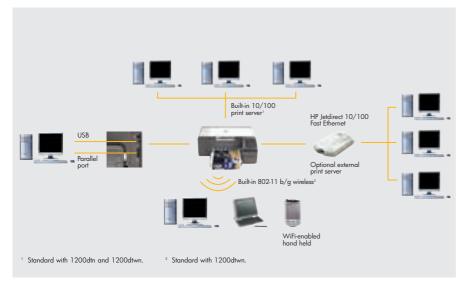
<sup>1</sup> 'Laser-quality speed' benchmarks the page-per-minute speeds of the HP Business Inkjet 1200 printer series against

- the HP Color LaserJet 4600 printer series at comparable print quality. This comparison is based solely on HP's internal tests.
- <sup>2</sup> Exact speed varies depending on the system configuration, software application, driver and document complexity.



\* Exact compression value varies depending on actual file complexity.

## Flexible options



Flexible connectivity options give you many ways to share the HP Business Inkjet 1200 printer series

# Create impressive documents with flexible paper handling

The HP Business Inkjet 1200 printer series includes automatic two-sided printing<sup>1</sup> so that you can save paper while also producing concise documents just the way you want. Tray 1 can also handle media of varying types and sizes, including envelopes,  $4 \times 6$  inch photo media and banner paper up to  $8.5 \times 234$  inches. Together with the automatic paper sensor in the printer that selects the best settings and colour maps based on the media being used, it's really easy to create amazing prints that give you a communications edge.

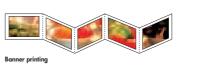
In addition, the HP Business Inkjet 1200 printer series has 150 or 400-sheet<sup>2</sup> input trays, a 150-sheet output tray and a 6,250-page monthly duty cycle, to accommodate the demands of high-productivity individuals or small workteams.

#### Share your printer without hassle

With built-in wired Fast Ethernet (and wireless Ethernet) connectivity, as well as USB and parallel ports, you can seamlessly connect up to five users to the network, right out of the box. Both the HP Business Inkjet 1200dtn and 1200dtwn Printers have embedded print servers<sup>3</sup> that allow you to connect the printer directly to a 10/100 Base-T Fast Ethernet network.

For great networking flexibility without the hassle of network cables, the HP Business Inkjet 1200dtwn Printer includes 802.11b/g wireless LAN support<sup>4</sup>. You can immediately connect the printer to a Wi-Fi network, giving you data transfer speeds of up to 54 Mbps and ranges up to 30.5 m. Be assured of reliable compatibility with 802.11b/g products from leading vendors and security features such as Wired Equivalent Protocol and Wi-Fi Protected Access keep your wireless data secure.

- <sup>1</sup> Not available with HP Business Inkjet 1200 Printer. Not available as an optional upgrade or accessory.
- <sup>2</sup> 150-sheet tray standard with HP LaserJet 1200 and 1200d printers, additional 250-sheet tray standard with HP LaserJet 1200dtn and 1200dtwn printers.
- <sup>3</sup> Embedded print server is not available as an optional upgrade or accessory.
- <sup>4</sup> Wireless feature is not available as an optional upgrade or accessory. Wireless performance is dependent upon distance and terrain between wireless network clients and printer.





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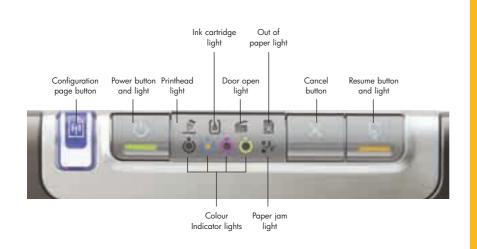


Create professional marketing material easily



Built-in auto-duplexer1 makes two-sided printing so convenient

## Easy management



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

### Take control with the user-friendly panel

The advanced control panel lets you print useful network information about the printer's network connection and cancel print jobs immediately to save time and supplies at the touch of a button.

Easy-to-understand graphical lights provide printer and ink cartridge status at a glance. This results in greater usability, easier troubleshooting and enhanced productivity.

#### Manage, monitor and troubleshoot easily

Streamline your printer management with the included suite of HP productivity tools. Access all printer information from a web browser using the HP Toolbox including documentation, troubleshooting tips and printer status. And that's not all.

HP Embedded Web Server<sup>1</sup> allows viewing of printer and network status and managing of printing functions from your computer. Track printer usage by individual users (job accounting), estimate number of pages that can be printed with the remaining ink supply and perform diagnostics, for example.

Remotely install, configure and manage a wide variety of HP and non-HP network peripherals with HP Web Jetadmin<sup>1</sup>. HP printers and supplies featuring HP Smart Printing Technology<sup>2</sup> provide automatic alerts when a cartridge is running low.

With HP productivity tools, managing your shared colour printing wherever you are, is easier than ever.



Use HP Embedded Web Server to remotely access printer and network status and manage printer functions

<sup>1</sup> HP Embedded Web Server and HP Web Jetadmin are available when the printer is connected to a network.

<sup>2</sup> Running cost comparisons based on supplies usage (ink or toner and customer replaceable parts only) at 5% per colour and 5% black per page. This is an internal comparison among HP colour laser and ink printers and is based on HP estimates of resale price. Actual prices may vary.

## Reliable support



### 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 a HP repair center<sup>1</sup>. If you choose to do the repairs yourself, you can trust HP to quickly deliver all the parts you need.



HP voted best in service and support for 9 years running

<sup>1</sup> Service and support options and availability vary by product, country/region and language.

#### The science of HP paper and inks

HP spends over US\$1 billion each year on printing and imaging research to deliver the best possible solutions for your business.

The best possible paper to match your HP inkjet printers

HP Colorfast Photo Paper contains real innovation to bring your images to life, with three polymer layers that provide just the right level of absorption and retention for stunning images that can last up to 73 years\*. At HP, paper is not just paper.

HP print cartridges—the science of precision and control

HP has engineered into every print cartridge printheads that contain up to 500 nozzles, each nozzle accurately discharging up to 35,000 microscopic ink droplets per second. This ensures that every ink droplet is precisely controlled, for that perfect printed page.

\* Up to 73 years, based on Wilhem Imaging Research, Inc., using the HP 58 Photo Inkjet print cartridge on HP Colorfast Glossy Photo Paper. The imaging layer encapsulates and protects the dye

Textured surface prevents sticking between sheets and ink from transferring to the next sheet





Textured aufor

HP Business Inkjet 1200 printer series Technical specifications	HP Business Inkjet 1200 (C8169A)	HP Business Inkjet 1200d (C8154A)	HP Business Inkjet 1200dtn (C8155A)	HP Business Inkjet 1200dtwn (C8156A)	
Print technology	HP thermal inkjet				
<b>Print speed (letter/A4)</b> <sup>1</sup> Black text Mixed text/colour graphics	Draft         Fast           28 ppm         15 p           24 ppm         13 p		<b>Best</b> 4 ppm 4 ppm		
Full page colour (seconds)		o 23.3 seconds Up to 25.77 seco			
Laser-quality speed <sup>2</sup>	7 ppm² black; 6 ppm² colour				
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				
Processor	240 MHz Motorola 32-bit ColdFire 4e HPA				
Memory	32 MB RAM, 4 MB ROM				
Duty cycle	Up to 6,250 pages per month				
<b>Media</b> Media handling <sup>3</sup>	150-sheet multipurpose tray (supports up to 22 envelopes, 60 cards, 30 transparencies, 30 sheets of labels), 150-sheet output tray; optional 250-sheet input tray; auto-duplex unit (not available with the 1200 model) 150-sheet output tray auto-duplex unit (not available with				
Custom sizes	Tray 1: width, 77 to 216 mm (3.0 to 8.5 inches); length, 127 to 356 mm (5.0 to 14 inches)				
Standard sizes	Tray 1: letter, legal, A4, A5, B5, statement, executive, envelopes (#10, A2, DL, C6, C5, monarch), HP Greeting Card Envelope, 102 x 152 mm photo media (4 x 6 inches), banner paper up to 216 x 594.4 mm (8.5 x 23.4 inches) Tray 2: letter, legal, executive, A4, JIS B5 Auto-duplex unit: letter, executive, A4, JIS B5				
Weights	60 to 200 g/m² (16 to 53 lb)				
Турез	Copier, bond, recycled, multipurpose, premium inkjet, premium inkjet heavy weight, premium transparency, premium photo paper, photo paper, professional brochure (matte and glossy), banner, statement, cards, envelopes				
<b>Connectivity</b> Interfaces		1284-compliant bidirectional parallel rough selected HP Jetdirect external print	USB 2.0 full speed port, IEEE 1284-compliant bidirectional parallel port, built-in 802.3 Fast Ethernet 10/100Base-TX for wired RJ-45 network (1200dtn and 1200dtwn only), Optional connectivity through selected HP Jetdirect external print servers via the USB port.	USB 2.0 full speed port, IEEE 1284-compliant bidirectional parallel port, built-in 802.3 Fast Ethernet 10/100Base-TX for wirec RJ-45 network, built-in 802.11b/g (Wi-Fi) Ethernet for wireless network <sup>4</sup> . Optional connectivity through selected HP Jetdirect external print servers via the USB port.	
Printer language	HP High Performance Architecture <sup>™</sup> PCL 3				
Fonts	8 built-in fonts, 4 each in portrait and landscape orientations; CG Times, CG Times Italic, Univers, Univers Italic, Courier, Courier Italic, Letter Gothic, Letter Gothic Italic; Built-in support for Arabic and Hebrew symbol sets				
Client operating systems	Windows® 98, Me, NT 4.0, 2000, XP; Mac OS 9.1x, OS X v 10.1.5 and later; Linux <sup>5</sup>				
Network operating systems	Windows NT <sup>®</sup> 4.0, 2000, XP 32-bit (Professional and Home Editions); Mac OS 9.1x, OS X 10.1.5 and later, XP Server Terminal Services with Citrix MetaFrame 1.8, NT Terminal Server with Citrix V1.8, NT Terminal Server with Citrix XP, 2000 Server Terminal Services with Citrix V1.8, 2000 Server Terminal Services with Citrix XP; Linux <sup>5</sup>				
Minimum system requirements	Windows 98 and Me: Pentium® 266 MHz, 32 MB RAM, 100 MB free disk space; Windows NT 4.0 (SP6 and later): Pentium 266 MHz, 64 MB RAM, 100 MB free disk space; Windows 2000: Pentium 300 MHz, 64 MB RAM, 100 MB free disk space; Windows XP® 32-bit edition: Pentium 300 MHz, 128 MB RAM, 100 MB free disk space; Mac OS 9.1 and later: 64 MB RAM; Mac OS X 10.1.5 and later: 128 MB RAM				

<sup>1</sup> Exact speed varies depending on the system configuration, software application, driver and document complexity.

<sup>2</sup> 'Laser-quality speed' benchmarks the page-per-minute speeds of the HP Business Inkjet 1200 printer series against

the HP Color LaserJet 4600 printer series at comparable print quality. This comparison is based solely on HP's internal tests.

 $^{\scriptscriptstyle 3}$  Media capacity is based on 60 g/m² (16 lb) paper.

<sup>4</sup> Wireless performance is dependent upon distance and terrain between wireless network clients and printer.

<sup>5</sup> To download a Linux printer driver or find more information on Linux printing, go to www.linuxprinting.org.

## HP Business Inkjet 1200 printer series

## Technical specifications

Dimensions (w x d x h)	1200 and 1200d:	506 x 419 x 211 mm		
	1200dtn and 1200dtwr	(19.92 x 16.49 x 8.307 inches) : 506 x 464 x 275 mm		
		(19.92 x 18.26 x 10.827 inches)		
Weight	1200:	9 kg (19.84 lb)		
	1200d:	9.4 kg (20.723 lb)		
	1200dtn and 1200dtwn	: 1 2 kg (26.455 lb)		
Operating environment	Operating temperature:	15 to 35° C -40 to 70° C		
	Storage temperature: Relative humidity:	15 to 80 percent, RH non-condensing		
Acoustics	Sound power: Sound pressure:	Best = 6.1 bel; Idle/standby = 2.5 bel Best = 47 dB(A); Idle/standby = 14 dB(A)		
Power specification <sup>1</sup>	Input requirements:	110 to 240 VAC, 50/60 Hz		
-	DC input requirements:	31-32 VDC, 2200mA		
	Consumption:	75 watts maximum printing, Energy Star® compliant		
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<b>Certifications</b> Safety	<ul> <li>1200, 1200d and 1200dtn: CCC S&amp;E (China), CSA (Canada),</li> <li>PSB (Singapore), UL (USA), NOM-NYCE (Mexico), GS (Germany),</li> <li>K Mark (Korea), CE (European Union), B Mark (Poland), IRAM (Argentina), GOST (Russia)</li> <li>1200dtwn: CCC S&amp;E (China), CSA (Canada), PSB (Singapore),</li> <li>UL (USA), NOM-NYCE (Mexico), GS (Germany), K Mark (Korea),</li> <li>CE (European Union), B Mark (Poland), IRAM (Argentina)</li> </ul>			
EMC	1200, 1200d and 1200dtn: FCC (USA), CTICK (Australia and New Zealand), MIC Mark (Korea), CE (European Union), BSMI (Taiwan), ICES (Canada)			
EMC and Radio	<b>1200dtwn:</b> FCC (USA), Canadian ID (Canada), ICES (Canada), CTICK (Australia and New Zealand), MIC Mark (Korea), BSMI (Taiwan), DGT (Taiwan), VCCI (Japan), JATE (Japan), CE0984! (European Union), IDA (Singapore)			
Other	Energy Star, WHQL, USB certification, Wi-Fi b/g (1200dtwn)			
802.11 security	802.11 b/g 64/128-bi	802.11 b/g 64/128-bit WEP and WPA-PSK encryption		
Warranty	One-year limited hardware and software warranty; 24-hour, 7 days a week phone, e-mail and Web support Warranty varies according to countries. Please check with your Hewlett- Packard sales office or your nearest HP authorised dealer for details.			
<b>What's in the box</b> HP Business Inkjet 1200	Printer, power cord, AC power adaptor, getting started guide, setup poster, regulatory leaflet, support flyer, software CD, HP 11 black, cyan, magenta and yellow printheads, HP 10 black ink cartridge (26.5 ml), HP 11 cyan, magenta and yellow ink cartridges (14 ml each) <sup>2</sup>			
HP Business Inkjet 1200d	Printer, auto-duplex unit, power cord, AC power adaptor, getting started guide, setup poster, regulatory leaflet, support flyer, software CD, HP 11 black, cyan, magenta and yellow printheads, HP 10 black ink cartridge (26.5 ml), HP 11 cyan, magenta and yellow ink cartridges (14 ml each) <sup>2</sup>			
HP Business Inkjet 1200dtn	Printer, auto-duplex unit, one 250-sheet input tray, built-in 802.3 wired Fast Ethernet (RJ-45 connector), power cord, AC power adaptor, getting started guide, setup poster, regulatory leaflet, support flyer, software CD, HP 11 black, cyan, magenta and yellow printheads, HP 10 black ink cartridge (26.5 ml), HP 11 cyan, magenta and yellow ink cartridges (14 ml each) <sup>2</sup>			
HP Business Inkjet 1200dtwn	Printer, auto-duplex unit, one 250-sheet input tray, built-in 802.3 wired Fast Ethernet (RI-45 connector) and 802.11b/g wireless Ethernet (WiFi) power cord, cross cable, AC power adaptor, getting started guide, setup poster, regulatory leaflet, support flyer, software CD, HP 11 black cyan, magenta and yellow printheads, HP 10 black ink cartridge (26.5 ml), HP 11 cyan, magenta and yellow ink cartridges (14 ml each) <sup>2</sup>			

<sup>1</sup> 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.

<sup>2</sup> Replacement ink cartridges and printheads sold separately. See the ordering information above.



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