



Do more than just print – scan and copy too with this reliable and easy-to-use all-in-one. Print documents, web pages and photos. Make quick colour copies and turn photos and paperwork into digital files with the built-in scanner.

**The HP Deskjet F2290 All-in-One Printer, Scanner, Copier is designed for users looking for a basic, reliable and easy-to-use all-in-one that offers good value, great results and a range of simple but helpful tools.**

**Easy set-up with simple controls and helpful software – get started in no time.**

Enjoy easy set-up and worry-free operation with HP's intuitive software. Make use of a range of helpful tools including one-touch print cancel button, low-ink indicator and an ink backup mode that lets you keep on printing when one cartridge runs out. Get great results from web pages with HP Smart Web Printing<sup>2</sup> and print your photos using HP Photosmart Essential software<sup>2</sup>. Compact design and neat fold-up tray means this versatile device fits almost anywhere.

**Print, scan and copy with an all-in-one designed for easy everyday use.**

Print, copy and scan projects, web pages, documents and more from one easy-to-use machine. Make quick copies – no need to switch on your computer – and print at speeds of up to 20 ppm black and 14 ppm colour. Print high-quality colour photos with Original HP inks – choose borderless snapshots using 10 x 15 cm photo paper with tabs, or up to A4 with borders. Scan traditional photos for sharing by email or turn paperwork into digital files for record-keeping<sup>3</sup>.

**Enjoy efficient, dependable performance with HP – the world's most reliable printer brand<sup>1</sup>.**

Get consistent, dependable printing, scanning and copying with this durable HP Deskjet all-in-one. Enjoy the peace of mind of the world's most reliable printer brand<sup>1</sup> and the proven performance of HP Deskjet, relied on by more than 200 million customers around the world. Choose from standard cartridges or print up to 2.5 times more black and colour pages with optional high-capacity ink cartridges<sup>4</sup>. Save energy and reduce your power bills too with this Energy Star qualified device.

<sup>1</sup> As chosen by consumers: [www.hp.com/eur/idea](http://www.hp.com/eur/idea)

<sup>2</sup> Not compatible with Windows 2000 or Macintosh operating systems

<sup>3</sup> Windows 2000 customers can use the scanning function through software only

<sup>4</sup> Compared to standard HP 21 Black and 22 Tri-colour Ink Cartridges; high capacity HP ink cartridges not included, please purchase separately.

## Technical specifications

<b>Print</b>			
<b>Print technology</b>	HP Thermal Inkjet		
<b>Ink Types</b>	Dye-based (colour), pigment-based (black)		
<b>Print speed</b>	<b>Document type</b>	<b>Draft</b>	<b>Normal</b>
	Black text A4:	Up to 20 ppm	Up to 7 ppm
	Mixed text/colour graphics A4:	Up to 14 ppm	Up to 4.7 ppm
	10 x 15 cm colour photo (photo paper):	As fast as 83 sec	As fast as 125 sec
	Dependent upon type, print mode and approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.		
<b>Print quality</b>	Black: Up to 1200 rendered dpi black when printing from a computer, Colour: Up to 4800 x 1200 optimised dpi colour when printing from a computer and 1200 input dpi		
<b>Borderless printing</b>	Yes (up to 10 x 15 cm - using 10 x 15 cm photo paper with tear-off tab)		
<b>Printer languages</b>	Lightweight Imaging Device Interface Language (LIDIL)		
<b>Scan</b>	Resolution: Optical: Up to 1200 dpi; Hardware: Up to 1200 x 2400 dpi; Enhanced: Up to 19200 dpi		
	Maximum document size: 215 x 297 mm		
	Scan speed: 10 x 15 cm colour photo into Microsoft® Word: less than 48 sec; OCR a full page of text into Microsoft® Word: less than 24 sec; preview: less than 14 sec (Scan speeds vary according to complexity of the document)		
	Type: Flatbed; Bit depth: 48-bit; Twain version: Version 1.1; Scan technology: CIS; Greyscale: 256		
<b>Copy</b>			
<b>Copy speed</b>	<b>Document type</b>	<b>Draft</b>	<b>Normal</b>
	Black text A4:	Up to 20 cpm	Up to 4 cpm
	Mixed Text/Colour graphics A4:	Up to 14 cpm	Up to 2.8 cpm
	Resolution: Black: Up to 600 dpi; Multiple copies: Up to 9; Reduce/Enlarge: 50 to 400%		
<b>Duty cycle (monthly, A4)</b>	Up to 1000 pages		
<b>Media types</b>	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers		
<b>Automatic paper type sensor</b>	No		
<b>Media sizes</b>	Standard: A4 (210 x 297 mm), A5 (148 x 210 mm), A6 (105 x 148 mm), B5/JIS (182 x 257 mm), B5/ISO (176 x 250 mm), C6 (114 x 162 mm), DL (110 x 220 mm), 130 x 180 mm, 100 x 150 mm, custom: 78 x 127 to 216 x 356 mm		
<b>Max. media weight range</b>	A4: 70 to 90 g/m <sup>2</sup> , HP envelopes: 70 to 90 g/m <sup>2</sup> , HP cards: up to 200 g/m <sup>2</sup> , HP photo paper: up to 280 g/m <sup>2</sup>		
<b>Paper handling</b>	Standard: 100-sheet input tray		
<b>Media handling/input</b>	Sheets: Up to 100, envelopes: Up to 10, cards: Up to 20, transparencies: Up to 20, 10 x 15 cm photo: Up to 15		
<b>Duplex printing</b>	Manual (driver support provided)		
<b>Power</b>	Requirements: Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 1 amp maximum, supply: External		
<b>Power consumption</b>	Maximum: 20 watts maximum (active/printing), 7 watts maximum (ready), 3 watts maximum (sleep), 1 watt maximum (off)		
<b>Interface and connectivity</b>	USB 2.0		
<b>Memory</b>	Standard: 32 MB; Maximum: 32 MB		
<b>Software included</b>	HP Photosmart Essential 2.5, HP Smart Web Printing 2.0, OCR Software		
<b>Dimensions (w x d x h)</b>	Out of package: 426 x 457 x 181 mm, with trays up: 426 x 268 x 181 mm, packaged: 468 x 225 x 300 mm		
<b>Weight</b>	Out of package: 4.13 kg, packaged: 5.27 kg		
<b>Country of origin</b>	Product of China		
<b>Operating systems compatibility</b>	Mac OS X v10.3.9, v10.4, v10.5 or higher; Microsoft® Windows® 2000 Professional (SP4), XP Home (SP1), XP Professional, XP Professional x64, 2000 and XP x64 are supported with a print driver only; Windows Vista®. HP Smart Web Printing and HP Photosmart Essential Software applications are not available for Microsoft® Windows® 2000, XP x64 or Mac OS X		
<b>Energy Star</b>	Yes		
<b>Supplies life</b>	For information on page yield, visit <a href="http://www.hp.com/go/learnaboutsupplies">www.hp.com/go/learnaboutsupplies</a> , or see product packaging		
<b>Warranty</b>	Standard one-year limited hardware warranty. Warranty and support options vary by product, country and local legal requirements.		

## Ordering information

<b>CB690A</b>	HP Deskjet F2290 All-in-One Printer, Scanner, Copier, HP 21 Black Ink Cartridge, HP 22 Tri-colour Ink Cartridge, HP Photosmart Essential software, setup guide, reference guide, power supply and cord
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### Accessories

<b>C6518A</b>	HP USB Cable, 2m
<b>C6520A</b>	HP USB Cable 2.0 (a-b) 3 meter

### Supplies

<b>C9351AE</b>	HP 21 Black Inkjet Print Cartridge
<b>C9351CE</b>	HP 21XL Black Inkjet Print Cartridge
<b>C9352AE</b>	HP 22 Tri-colour Inkjet Print Cartridge
<b>C9352CE</b>	HP 22XL Tri-colour Inkjet Print Cartridge
<b>C6658AE</b>	HP 58 Photo Inkjet Print Cartridge

### Media

<b>CHP710</b>	HP All-in-One Printing Paper-500 sht/A4/210 x 297 mm
<b>C6818A</b>	HP Superior Glossy Inkjet Paper-50 sht/A4/210 x 297 mm

### Service & Support

<b>UG062E</b>	HP Care Pack, Next Business Day Exchange Service, 3 years
<b>UG187E</b>	HP Care Pack, Exchange Service (standard turn around time), 3 years
<b>UG235E</b>	HP Care Pack, Return to Depot Hardware Support Service, 3 years. (UG235E: Only Baltics, Greece, Poland, Turkey, EEM, Slovenia, Czech Republic, Slovakia, Hungary. UG062E/UG187E: Rest of Europe).

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

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