

# HP DeskJet 890CM **Professional Series Printer**

## **Technical Data Sheet**



and school projects—faster

than ever—with the HP DeskJet 890CM Professional Series printer. Make a colorful impact with everything you print in the office or in the classroom: reports, presentations, spreadsheets, proposals, correspondence and more. Your documents will look better and print faster with the printer designed expressly for today's business and educational environments.

### More shades of color

The HP DeskJet 890CM Professional Series printer, with HP's exclusive PhotoREt II color layering technology, delivers more shades of color for brilliant photo-quality images on any paper-plain or special. And with HP's proprietary inks, you get sharp professional-quality black text.

ing technology improves

color print quality without compromising speed. You'll spend less time waiting for the printer and more time managing projects and activities with the fast HP DeskJet 890CM Professional Series printer. It prints up to 6 pages per minute in black and 4 pages per minute in color.

### **Built for business and education**

The HP DeskJet 890CM Professional Series printer is a versatile, durable printer. With a 3,000 pages-per-month duty cycle, it easily accommodates every job, large or small. Use the HP JetDirect 300X external print server for your network. HP JetDirect 300X hooks directly to your printer for optimized performance and reliability in your shared printer environment. Plus it works with all popular operating systems, including Macintosh® System 7.1 and above.

### Brilliant photo-quality color for every business and education need!

### Delivers more shades of color with HP's exclusive PhotoREt II color layering technology

- More shades of color for clear, vibrant, natural-looking results
- · Sharp, professional-quality black and color with HP's proprietary inks
- Superior results on plain paper outstanding results on special papers too

### **Produces fast printing for Macintosh**

- 6 pages per minute in black
- 4 pages per minute for text with color graphics

### Keeps pace with projects and activities

- Multiple users can easily share the printer with the HP JetDirect 300X print server
- Hardy 3,000 pages-per-month duty cycle
- Compatible with Macintosh System 7.1 and above, Microsoft® Windows® 3.1x, 95/98, NT 4.0 and DOS
- Easily handles a wide variety of paper types including envelopes, transparencies and labels

### Provides outstanding color printing on your network-now!

- · Ready to connect to the network-right out of the box!
- Equipped with HP JetDirect 300X print server, including:
  - Automatic 10Base-T and 100Base-T speeds
  - Easy connection to your EtherTalk network
- Automatic network/protocol switching for simplified printing in mixed environments
- Automatic negotiation between 10Mbps/ 100Mbps speed and full/half duplex mode
- · Setup cards, user's guides and printer software for a fast start
- · One-year limited warranty and next businessday replacement with HP Express Exchange for the printer

### **Technical Specifications**

Color print quality: HP's Three modes permit the Print mode EconoFast Normal Best  Dependent upon docun Document type Black text Mixed text/color graphi 300 black, 192 color  HP PCL 3 enhanced  Macintosh® System 7.1 MS-DOS 3.3 and above 26 built-in scalable font plus additional 16 True Paper:  Transparencies: Envelopes: Cards:	1 and above, Microsoft® Windows® 3.1x, 95/98, NT 4.0 and 8. Is, 126 TrueType fonts for Windows (110 typefaces, with HP FontSmart
Document type Black text Mixed text/color graphi 300 black, 192 color HP PCL 3 enhanced  Macintosh® System 7.1 MS-DOS 3.3 and above 26 built-in scalable font plus additional 16 True1  Paper:  Transparencies: Envelopes: Cards:	EconoFast 6 ppm 4 ppm  I and above, Microsoft® Windows® 3.1x, 95/98, NT 4.0 and S. s., 126 TrueType fonts for Windows (110 typefaces, with HP FontSmart Type typefaces)  letter 8.5 x 11 in; legal 8.5 x 14 in; A4 210 x 297 mm; A5 148 x 210 mm; executive 7.25 x 10.5 in; custom sizes 3.9 to 8.5 in (100 to 216 mm) width
HP PCL 3 enhanced  Macintosh® System 7.7 MS-DOS 3.3 and above 26 built-in scalable font plus additional 16 True1  Paper:  Transparencies: Envelopes: Cards:	is, 126 TrueType fonts for Windows (110 typefaces, with HP FontSmart Type typefaces)  letter 8.5 x 11 in; legal 8.5 x 14 in; A4 210 x 297 mm; A5 148 x 210 mm; executive 7.25 x 10.5 in; custom sizes 3.9 to 8.5 in (100 to 216 mm) width
Macintosh® System 7.1 MS-DOS 3.3 and above 26 built-in scalable font plus additional 16 True Paper:  Transparencies: Envelopes: Cards:	is, 126 TrueType fonts for Windows (110 typefaces, with HP FontSmart Type typefaces)  letter 8.5 x 11 in; legal 8.5 x 14 in; A4 210 x 297 mm; A5 148 x 210 mm; executive 7.25 x 10.5 in; custom sizes 3.9 to 8.5 in (100 to 216 mm) width
MS-DOS 3.3 and above 26 built-in scalable font plus additional 16 True <sup>1</sup> Paper:  Transparencies: Envelopes: Cards:	is, 126 TrueType fonts for Windows (110 typefaces, with HP FontSmart Type typefaces)  letter 8.5 x 11 in; legal 8.5 x 14 in; A4 210 x 297 mm; A5 148 x 210 mm; executive 7.25 x 10.5 in; custom sizes 3.9 to 8.5 in (100 to 216 mm) width
Paper:  Transparencies: Envelopes: Cards:	Type typefaces)  letter 8.5 x 11 in; legal 8.5 x 14 in; A4 210 x 297 mm; A5 148 x 210 mm; executive 7.25 x 10.5 in; custom sizes 3.9 to 8.5 in (100 to 216 mm) width
Transparencies: Envelopes: Cards:	executive 7.25 x 10.5 in; custom sizes 3.9 to 8.5 in (100 to 216 mm) width
Labels:	#10 4.12 x 9.5 in; DL 220 x 110 mm; C6 114 x 162 mm #10 4.12 x 9.5 in; DL 220 x 110 mm; C6 114 x 162 mm 4 x 6 in; 5 x 8 in; A6 105 x 148.5 mm letter 8.5 x 11 in; A4 210 x 297 mm
Paper: Envelopes: Cards:	16 to 36 lb bond (60 to 135 g/m²) 20 to 24 lb bond (75 to 90 g/m²) 110 lb index maximum; 8.5 pt maximum thickness (110 to 200 g/m²)
Sheets: Envelopes: Cards: Output tray capacity:	up to 150 or single sheet only up to 15 or single envelope only up to 30 up to 50 sheets
EtherTalk through JetDi	irect support
0.5 MByte built-in RAM	
17.5 x 8.9 x 15.6 in (44	4 x 226 x 396 mm)
15.4 lb (7.0 kg)	
3,000 pages-per-month	n (black); 500 pages-per-month (full-page color)
Built-in universal power	rsupply
Input voltage 100-240	VAC (±10%), 50/60 Hz (±3 Hz)
	nen off; 5.25 watts maximum nonprinting; 48 watts maximum printing act 300X external print server
Recommended operation Humidity: 20% to 80%	40° to 60°C (-40° to 140° F)
with a Class B computing Level B product results	SA, NEMKO, NOM, CCIB, TUV & UL EMI certifications; FCC Class B when used ng device (attaching the HP JetDirect 300X external print server in an FCC in an FCC Level A Composite System as defined in the FCC Rules and MC Directive 89/336/EEC (European Community); VCCI (Japan)
One-year warranty HD-	authorized service dealer or Express Exchange on the printer
	0.5 MByte built-in RAM  17.5 x 8.9 x 15.6 in (44  15.4 lb (7.0 kg)  3,000 pages-per-month  Built-in universal power  Input voltage 100-240 v  1.0 watts maximum wh + 5.0 watts with JetDire  Operating temperature: Recommended operatif Humidity: 20% to 80% Storage temperature: -4 Noise levels per ISO 92 Sound power, L <sub>wAd</sub> Sound pressure, L <sub>pAm</sub> Safety certifications: CS with a Class B computif Level B product results Regulations) (USA); EN



### **Ordering Information**

NumberDescriptionHP C5944AHP DeskJet 890CM Professional Series PrinterHP 51645GHP Black Inkjet Print CartridgeHP C1823AHP Large Black Inkjet Print Cartridge

#### **Network Interface**

J3263A HP JetDirect 300X external print server

HP Premium Transparency Film
C3828A Letter size, 20 sheets
C3834A Letter size, 50 sheets
C3832A A4 size, 20 sheets
C3835A A4 size, 50 sheets

#### HP Premium Photo Paper

C6039A Letter size, 15 sheets C6040A A4 size, 15 sheets

#### HP Deluxe Photo Paper

C6055A Letter size, 20 sheets C6057A A4 size, 20 sheets

#### HP Premium Inkjet Paper

51634Y Letter size, 200 sheets 51634Z A4 size, 200 sheets

#### HP Premium Heavyweight Inkjet Paper

C1852A Letter size, 100 sheets C1853A A4 size, 100 sheets

### HP Bright White Inkjet Paper

C1824A Letter size, 500 sheets C1825A A4 size, 500 sheets

### **For More Information**

If you have questions about the HP DeskJet 890C, go to Hewlett-Packard's DeskJet 890 Customer Self-Service Center page on the World Wide Web: www.deskjet-support.com/dj890

### HP Telephone Assistance

In warranty: 1-208-323-2551 (M-F 6 am-10 pm, Saturday 9 am-4 pm Mountain Time)

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\*This printer defaults to Normal if another mode is not selected.

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