

EPSON®

FAST, RELIABLE PERFORMANCE THAT'S SURE TO IMPACT YOUR OUTPUT

How would you react to a 24-pin impact printer that delivered speed, versatility, and worry-free performance, all at an affordable price? Now's your chance to find out. Printing 413 cps in High-Speed Draft mode, the EPSON LQ-680Pro creates Letter Quality results on forms up to six parts thick. Thirty-eight percent faster than its predecessor, the popular EPSON LQ-670, this economical printer races through your mission critical tasks like printing tickets, receipts, checks, labels, and more.

Its straight paper path and flatbed feed design offer more efficient printing—without causing paper jams that can waste valuable time and damage high-cost forms. But, what's especially reassuring about the EPSON LQ-680Pro is its advanced APG (Automatic Platen Gap) technology. Sensing the thickness of multiple-part forms, it automatically adjusts the position of the print head to prevent damage to the pins from unnecessary force.

A perfect replacement to the EPSON LQ-670 or other flatbed printers, the EPSON LQ-680Pro is compatible with most software applications and integrates easily into most network platforms. With a mean-time-between-failure (MTBF) rating of 10,000 power-on hours (POH), twice that of the EPSON LQ-670, the EPSON LQ-680Pro offers extreme durability. And, it has a 400-million strokes/wire print head rating.

With exceptional paper handling capabilities, dual paper paths, and eight bar-code fonts, this energy-efficient printer is the perfect solution for your busy workgroup. It gives you speed and durability, without sacrificing performance. For state-of-the-art technology, application flexibility, and quality that will last, choose the EPSON LQ-680Pro. From the world leader in impact printers.



EPSON LQ-680Pro Impact Printer

FEATURES

- **High-speed, 24-pin printing**
- **Flatbed APG (Automatic Platen Gap) adjustment technology**
- **Multipart printing and font versatility**
- **MTBF rating of 10,000 POH; 400-million strokes/wire print head life**
- **Windows® 3.1x, 95, 98, 2000, Me and NT 3.51/4.0 printer drivers**
- **Unbeatable service and support**

BENEFITS

- Prints Letter Quality labels, invoices, packing slips, and more up to 413 cps in High-Speed Draft mode
- Automatically adjusts to accommodate the thickness of each form
- Easily handles up to 6-part forms and provides a variety of built-in fonts
- Delivers Epson's legendary reliability for the most demanding back-office print tasks
- Works with most Windows software applications; features EPSON ESC/P® 2 and IBM® 2390 Plus emulation
- Includes two year limited warranty and access to Epson's superior technical support



PRINTER SPECIFICATIONS



Printing Method

24-pin, impact dot matrix

Print Direction

Bi-directional with logic seeking

Print Speed

High Speed Draft	413 cps at 10 cpi
Draft	310 cps at 10 cpi
Letter Quality	103 cps at 10 cpi

Character Sets

13 standard version
39 NLSP version
14 international character sets

Scalable Fonts

EPSON Roman 8 to 32 points (every 2 pt)
EPSON Sans Serif 8 to 32 points (every 2 pt)
EPSON Roman T 8 to 32 points (every 2 pt)
EPSON Sans Serif H 8 to 32 points (every 2 pt)

Resident Bitmapped Fonts (cpi)

EPSON Draft 10 cpi, 12 cpi, 15 cpi
EPSON Roman 10 cpi, 12 cpi, 15 cpi, Proportional
EPSON Sans Serif 10 cpi, 12 cpi, 15 cpi, Proportional
EPSON Courier 10 cpi, 12 cpi, 15 cpi
EPSON Prestige 10 cpi, 12 cpi
EPSON Script 10 cpi
EPSON OCR-B 10 cpi
EPSON Orator 10 cpi
EPSON Orator-S 10 cpi
EPSON Script C Proportional

Bar Code Fonts

EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E,
Code 39, Code 128, Postnet

Formatting

1/6" (4.23 mm) or programmable in increments of
1/360" (.0706 mm)

Paper Feed Mechanism

Feeding method	Friction feed (front manual, rear cut sheet feeder)
Feeder	Push tractor feed (rear) Rear push tractor Cut sheet feeder bin1/bin2 (option) Roll paper holder (option)

Paper Feed Speed

64 millisecond per 1/6"
5" per second continuous feed

Paper Path

Manual insertion (front in, front out)
Cut sheet feeder (rear in, front out)
Tractor (rear in, front out)

Input Buffer

64 KB

Software Drivers

Windows 3.1x, Windows 95, Windows 98,
Windows 2000, Windows Me and Windows NT 3.51/4.0

Interface

Bi-directional 8-bit parallel interface
(IEEE -1284 Nibble Mode supported)
Type-B interface slot option

Printer Language

ESC/P 2
IBM 2390 Plus emulation

Paper Handling

Cut sheet single sheet (front entry, manual insertion)	
Width	3.5" to 12"
Length	2.8" to 16.5"
Thickness	.0025" to .0074"
Cut sheet multipart (front entry, manual insertion)	
Width	3.5" to 12"
Length	2.8" to 16.5" (line glue on one side of the form, 11.7" maximum)
Thickness	.0047" to .018"
Copies	1 original + 5 copies
Envelope	
No. 6, No. 10	
Thickness	.0063" to .0205"
Continuous paper	
Width	4" to 12"
Length (one page)	3" to 22"
Thickness	.0025" to .018"
Copies	1 original + 5 copies
Continuous forms with labels	
Base sheet width	4" to 12"
Base sheet length	3" to 22"
Total thickness	.0075"
Roll paper	
Width	8.5"
Thickness	.0028" to .0035"

Sound Level

55 dBA (ISO7779 pattern)

Power Requirements

Rated voltage	AC 120 V
Input voltage range	AC 99 to 132 V
Rated frequency range	50 to 60 Hz
Input frequency range	49.5 to 60.5 Hz

Physical Dimensions

Width	19.6" (497 mm)
Depth	15.2" (386.5 mm)
Height	9.0" (229.5 mm)
Weight	20.7 lb (9.4 kg)

Control Panel Functions

Font, pause, tear off, LF/FF, load/eject, micro adjust, self test, data dump and the default settings

Reliability

Total print volume	20 million lines (except print head)
MTBF	10,000 POH (25% duty cycle)
Print head life	400 million strokes/wire
Black fabric cartridge	2 million characters (LQ mode, 10 cpi, 48 dots/character)

Product/Accessory Part Numbers

EPSON LQ-680Pro	C376101
EPSON LQ-680Pro Ribbon cartridge	S015016
High capacity cut sheet feeder	C806872
Second bin cut sheet feeder	C806791
Roll paper holder	8310
Serial interface board type B	C823051
32 KB serial interface board type B	C823071
LocalTalk interface type B	C823121
Coax interface board type B	C823141
Twinax interface board type B	C823151
Bi-directional parallel board type B	C823452
EpsonNet 10Base-T type B print server	C823622A
EpsonNet 10/100Base-TX type B print server with AC adapter	C823642A

Warranty

Two year limited warranty in the U.S. and Canada

Support—The EPSON ConnectionSM

Pre-sales support U.S. and Canada	800-463-7766
Automated technical support	800-922-8911
Internet Website	www.epson.com

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3840 Kilroy Airport Way, Long Beach, CA 90806

EPSON Canada, Ltd.
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