

Epson® LQ-780 Series

Impact Printer Series



A compact 24-pin flatbed printer that's built for reliability in demanding environments.

Fast, easy printing — speeds through prints at up to 487 cps¹

Compact flatbed printer — 24-pin impact printer with flatbed printing; designed to easily fit in areas with limited space

Convenient multipart printing — prints the original + 6 copies²

Engineered for reliability — MVBF of 40 million lines; MTBF of 20,000 power-on hours (POH); printhead life of 400 million strokes per wire³

Automatically adjusts for thick forms — Automatic Platen Gap (APG) flatbed adjustment technology easily accommodates forms of varying thicknesses

Long ribbon life — 10 million characters⁴

World-class service and support — 2-year limited warranty

Easy setup and integration — parallel and USB interfaces, serial and network only in LQ-780N (network version)

Versatility for your back-office needs — provides a variety of built-in fonts

Print

Printing Method 24-pin impact dot matrix
Print Direction Bidirectional with logic seeking
Columns 106 columns (10 cpi)
Print Speed
 High-speed draft: 487 cps (10 cpi)¹
 Draft: 366 cps (10 cpi)
 Letter quality: 121 cps (10 cpi)

Character Sets

13 standard version
 15 international character sets

Resident Fonts

Epson Draft: 10, 12, 15 cpi
 Epson Roman: 10, 12, 15 cpi, proportional
 Epson Sans Serif: 10, 12, 15 cpi, proportional
 Epson Courier: 10, 12, 15 cpi
 Epson Prestige: 10, 12 cpi
 Epson Script: 10 cpi
 Epson OCR-B: 10 cpi
 Epson Orator: 10 cpi
 Epson Orator-S: 10 cpi
 Epson Script C: proportional

Barcode 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" (0.0706 mm)

Paper Feed Mechanism

Feeding Method

Feeding method: friction feed (front-/rear-in, front-out),
 Push tractor feed (rear-in, front-out)
 Feeder: rear push tractor, roll paper holder (optional)

Paper Feed Speed

47.4 milliseconds
 3.61" per second continuous feed

Paper Path

Front-/rear-in, front-out
 Tractor: rear-in, rear-out

Paper Handling

Forms 1 original + 6 copies²

Cut-Sheet Single-Sheet (Front Entry, Manual Insertion)

Width: 3.5" to 12"
 Length: 2.8" to 16.5"
 Thickness: 0.0025" to 0.0074"

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: 0.0047" to 0.018"

Copy Capability 1 original + 6 copies²

Envelope

No. 6, No. 10
 Thickness: 0.0063" to 0.0205"

Continuous Paper

Width: 4" to 12"
 Length (one page): 3" to 22"
 Thickness: 0.0025" to 0.059"

Roll Paper

Width: 8.38" to 8.62"
 Thickness: 0.0027" to 0.0035"

General

Interfaces

Bidirectional 8-bit parallel interface (IEEE 1284 Nibble) and USB
 Network 10/100Base-TX interface board and serial interface
 (only available in the LQ-780N network version)

Control Panel Functions

Font, Pause, Tear-Off, LF/FF, Load/Eject, Micro-Adjust, Self test,
 Data dump and Default settings

Reliability

MTBF: 20,000 POH (25% duty cycle)
 MVBF: 40 million lines
 Printhead life: 400 million strokes/wire³
 Ribbon life: 10 million characters (10 cpi, 48 dots/character)⁴

Input Buffer

64KB

Dimensions (W x D x H) 18.9" x 11.9" x 8.3"

Weight 14.8 lb

Sound Level

Noise: 59 dBA

Power Requirements

Rated voltage: AC 100 V – 240 V
 Input voltage range: AC 90 V – 264 V
 Rated frequency range: 50 Hz – 60 Hz
 Input frequency range: 49.5 Hz – 60.5 Hz

Ribbon Cartridge Type Fabric; Color: Black

Software

Drivers⁵ OC support: Windows® XP Professional x64 Edition SP2, Windows® 11 (64-bit), Windows Server® 2003, SP2-Windows Server 2022 (64-bit)

Printer Language

Epson ESC/P2®
 IBM® 2390 Plus emulation

What's Included

Epson LQ-780 or LQ-780M Impact Printer, AC Cables, Ribbons Cartridge, User's Manual/Start Here Guide, Setup Guide, CD Driver, Warranty Certificate

Warranty

2-year limited warranty in the U.S. and Canada

Extended Service Plan⁶

Up to an additional 2 years, available in 1- or 2-year increments

Support

The Epson ConnectionSM
 Pre-Sales Support (U.S. and Canada): 800-463-7766
 Website: www.epson.com

Eco Features

ENERGY STAR® qualified
 RoHS compliant
 End-of-life options available⁷
 Epson America, Inc. is a SmartWay® Transport Partner⁸

Ordering Information

Epson LQ-780 Impact Printer	C11CJ81201
Epson LQ-780N Impact Printer	C11CJ81202
Ribbon Cartridge	S015630
Roll Paper Holder	C12C811141

For additional information, please contact your Epson representative.

¹ Based on Ultra Speed draft at 10 cpi. | ² One original, plus six copies, is available only under normal temperature and humidity conditions. | ³ Ratings are estimates only, based on normal use of the printer. Epson's statements about reliability levels are not warranties of Epson products, and the only warranty for printers are the limited warranty statements for each printer. | ⁴ Based on letter quality printing, 10 cpi, 48 dots/character. | ⁵ Additional software drivers available in your Windows operating system or at www.epson.com | ⁶ See individual extended service plan for details. | ⁷ For convenient and reasonable recycling options, visit www.epson.com/recycle | ⁸ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

See the latest innovations from Epson Business Solutions at www.epson.com/forbusiness



Epson America, Inc.
 3131 Katella Ave., Los Alamitos, CA 90720

Epson Canada Limited
 185 Renfrew Drive, Markham, Ontario L3R 6G3

www.epson.com
www.epson.ca

Specifications and terms are subject to change without notice. EPSON and Epson ESC/P2 are registered trademarks and the EPSON logo is a registered logomark of Seiko Epson Corporation. Epson Connection is a service mark of Epson America, Inc. Windows, Windows Server and Windows XP are trademarks of the Microsoft group of companies. SmartWay is a registered trademark of the U.S. Environmental Protection Agency. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. Copyright 2023 Epson America, Inc. CPD-62136R2 6/23

Contact: