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 cps[1]

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 copies[2]

Engineered for reliability — MVBF of 40 million lines; MTBF of 20,000 power-on hours (POH); printhead life of 400 million strokes per wire[3]

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

Long ribbon life — 10 million characters[4]

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 copies[2]
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 copies[2]
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/wire[3]
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

Drivers[5] 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 Plan[6]

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 available[7]
Epson America, Inc. is a SmartWay® Transport Partner[8]

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.

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