LQ-780N Network Impact Printer

Powerful and compact flatbed network printer built for 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 plus six copies[2]

Engineered for reliability[3] — MVBF of 40 million lines; MTBF of 35,000 power-on hours (POH); printhead life of 400 million strokes per wire

Network connectivity — Built-in LAN network connectivity

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

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

General

Printing Method 24-pin impact dot matrix
Print Direction Bidirectional with logic seeking
Columns 106 columns (10 cpi)
Print Speed[1]
High Speed Draft: 487 cps (10 cpi)
Draft: 366 cps (10 cpi)
Letter Quality: 121 cps (10 cpi)
Input Buffer 64KB
Noise Level 59 dBA
Reliability[3]
MTBF: 35,000 POH (25% duty cycle)
MVBF: 40 million lines
Printhead Life: 400 million strokes/wire
Interface
Bidirectional 8-bit parallel interface
Network 10/100Base-TX interface board
(IEEE 1284 Nibble - USB)
Character Sets
13 standard version
8 barcode
15 international character sets
Resident Fonts
Epson® Draft: 10, 12, 15
Epson Roman: 10, 12, 15, proportional
Epson Sans Serif: 10, 12, 15, proportional
Epson Courier: 10, 12, 15
Epson Prestige: 10, 12
Epson Script: 10
Epson OCR-B: 10
Epson Orator: 10
Epson Orator-S: 10
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 Speed
47.4 milliseconds
3.61" per second, continuous feed

General (continued)

Software Drivers[5]
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
Control Panel Functions
Font, Pause, Tear Off, LF/FF, Load/Eject, Micro Adjust, Self Test, Data Dump and Default Settings

Printer

Rated Voltage AC 100–240 V
Input Voltage Range AC 90–264 V
Rated Frequency Range 50 to 60 Hz
Input Frequency Range 49.5 to 60.5 Hz
Dimensions (W x D x H) 18.9" x 11.9" x 8.3"
Weight 14.8 lb
Ribbon Cartridge Type: Fabric; Color: Black
Ribbon Life[4] 10 million characters (10 cpi, 48 dots/character)
Limited 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

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"

Paper Handling (continued)

Roll Paper
Width: 8.38" to 8.62"
Thickness: 0.0027" to 0.0035"
Paper Feed Methods
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 Path
Front-/Rear-In, Front-Out
Tractor: Rear-In, Rear-Out

Eco Features

ENERGY STAR® qualified
RoHS compliant
Recyclable product[7]
Epson America, Inc. is a SmartWay® Transport Partner[8]

Ordering Information

Product Code	Description
C11CJ81202	Epson LQ-780N Network Impact Printer
S015630	Ribbon Cartridge
C12C811141	Roll Paper Holder

For additional information, please contact your Epson representative.

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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 limited warranty or 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.

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