

LQ-780N Network Impact Printer

Impact Printer

Business



Powerful and compact flatbed network printer built for 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 plus six copies²

Engineered for reliability³ — MVBF of 40 million lines; MTBF of 20,000 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 characters⁴

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 Speed¹
 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
Reliability³
 MTBF: 20,000 POH (25% duty cycle)
 MVB: 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 Drivers⁵
 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 Life⁴ 10 million characters (10 cpi, 48 dots/character)
Limited 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

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"

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 product⁷
 Epson America, Inc. is a SmartWay® Transport Partner⁸

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.

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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