DOT MATRIX PRINTERS
24-PIN
LQ-780/780N

EPSON

BETTER PERFORMANCE WITH SCALABLE FLEXIBILITY.

Performance-driven dot-matrix printer built to excel in heavy-duty tasks.

The reliable Epson LQ-780/780N is designed to handle mission-critical tasks with its durable yet compact body. With functions such as automatic paper thickness adjustments, operators can save on manpower with increased efficiency. Ensuring unprecedented performance, the 24-pin dot-matrix printer features high print speeds of up to 487 characters per second (cps), boosting productivity for your business.

Print

High Speed Printing

Cost Effective

Power Savings

Compact

Epson genuine ribbons ensure greater yield, better quality and longer lifespan.

GO GENUINE
Original Supplies, Quality Prints

ENGINEERED FOR good
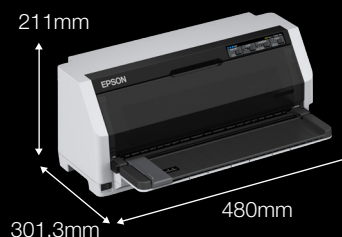
Improved Connectivity
Supports modern business with its fuss-free printing, sync and charge function, and additional USB-A ports.

Reliable Productivity
With an improved print speed of up to 487 cps and improved MVBF, which has a longer life by 50% million lines, the dot-matrix printer is built for endurance.

Unparalleled Performance
Functions such as automatic paper thickness adjustment ensure smooth and consistent superior print quality.

Cps: Characters per second.

SPECIFICATIONS

MODEL NUMBER		LQ-780	LQ-780N
Printer Technology			
Printing Method		Impact Dot Matrix	
Number of Pins in Head		24 pins	
Print Direction		Bi-directional with logic seeking	
Control Code		ESC/P2, IBM-PPDS	
Printer Speed[*1]			
High Speed Draft	10/12 cpi	487 / 584 cps	
Draft	10/12 /15 cpi	366 / 439 / 549 cps	
LQ	10/12 /15 cpi	121 / 145 / 181 cps	
LQ Condensed	17.1/20 cpi	207 / 242 cps	

Print Characteristics

Character Sets: 1 legal character set, 14 international character sets, 13 character code tables (Standard), Italic, PC437, PC850, PC860, PC861, PC863, PC865, Abicomp, BRASCII, Roman 8, ISO Latin1, PC858, ISO 8859-15

Bitmap Fonts Draft: Epson High-speed Draft/ Script/ OCR-B/ Orator/ Orator-S: 10 cpi; EPSON Prestige: 10 / 12 cpi; EPSON Draft/ Courier: 10 / 12 / 15 cpi; EPSON Roman/ Sans Serif: 10 / 12 / 15 cpi; Proportional; EPSON Script C: Proportional

Scalable Fonts: Epson Roman, Epson Sans Serif, Epson Roman T, Epson Sans Serif H: 10.5 pt., 8 pt. – 32 pt. (every 2 pt.)

Barcode Fonts: EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, PostNet

Printable Columns

Pitch	10 /12 /15/17/20 cpi	106/127/15 /181/212 columns

Paper Handling

Paper Path: Manual Insertion (Front In, Front Out), Tractor (Rear In, Front Out)

Paper / Media

		Length	Width	Thickness
Cut Sheet (Single Sheet)	Entry: Front	70 - 420 mm / 2.8 - 16.5"	90 - 304.8 mm / 3.5 - 12"	0.065 - 0.19 mm / 0.0025 - 0.0074"
Cut Sheet (Multi-part Sheet)	Entry: Front	70 - 420 mm / 2.8 - 16.5"	90 - 304.8 mm / 3.5 - 12"	0.12 - 0.49 mm / 0.0047 - 0.019"
	Copies	1 Original + 6 Copies		
Continous Paper (Multi-part Sheet)	Entry: Rear (Tractor)	76.2 - 558.8 mm / 3.0 - 22.0"	101.6 - 304.8 mm / 4 - 12"	0.12 - 0.49 mm / 0.0047 - 0.019"
	Copies	1 Original + 6 Copies		
Continous Paper (Single Sheet)	Entry: Rear (Tractor)	76.2 - 558.8 mm / 3.0 - 22.0"	101.6 - 304.8 mm / 4 - 12"	0.065 - 0.15 mm / 0.002 - 0.005"
Envelope (No. 6)	Entry: Front	92mm / 3.6"	165mm / 6.5"	0.16mm / 0.063"
Envelope (No. 10)	Entry: Front	105mm / 4.1"	241 mm / 9.5"	0.16mm / 0.063"
Card	Entry: Front (Manual)	90 - 200 mm / 3.54 - 7.8"	90 - 200 mm / 3.54 - 7.8"	0.22mm / 0.087"
Roll Paper	Entry: Rear	– / –	213 - 219 mm / (8.83 - 8.62")	0.07 - 0.09 mm / (0.002 - 0.005")

Line Spacing: 4.23mm (1/6") or programmable in increments of 3.175mm (1/8") or 0.0706mm (1/360")

Acoustic Noise	59 dB	
Input Data Buffer	128 KB	
Interface	Bi-directional Parallel (IEEE 1284 Nibble mode support), USB 2.0 (Full Speed Mode)	Bi-directional Parallel (IEEE 1284 Nibble mode support), USB 2.0 (Full Speed Mode), LAN (for N models only)

Ribbon Cartridge	Standard	Fabric Ribbon Cartridge (Black)
	Ribbon Life	10 Million characters (at 10 cpi in the letter quality mode with 48 dots/character)

Reliability

Mean Print Volume Between Failure (MVBF)	40 million lines (except print head)
Mean Time Between Failure (MTBF)	20,000 Hrs POH (25% Duty)
Print Head Life	400 million strokes/wire

Control Panel	4 Buttons and 6 LEDs

Environmental Conditions (Operating)

Temperature[*2]	5 - 35°C
Humidity[*2]	10 - 80% RH

Electrical Specification

Rated Voltage	AC 220 - 240 V		
Rated Frequency	50 - 60 Hz		
Power Consumption	Operating Approx. 46W	Sleep Mode Approx. 0.8W	Power Off Approx. 0.1W

Supported Operating System

Printer Driver: Microsoft Windows® XP / Vista / 7 / 8 / 8.1 / 10 / 11
Microsoft Windows® Server 2003 / 2008 / 2008 R2 / 2012 / 2012 R2 / 2016 / 2019 / 2022

Utility: Epson Status Monitor 3
Microsoft Windows® XP / Vista / 7 / 8 / 8.1 / 10 / 11
Microsoft Windows® Server 2003 / 2008 / 2008 R2 / 2012 / 2012 R2 / 2016 / 2019 / 2022

Dimensions & Weight

Weight: Approx. 6.7kg

211mm
301.3mm
480mm

Options & Consumables

- Ribbon Cartridge (Black) C13S015658
- Roll Paper Holder

Legend

cpi	Characters per inch
cps	Characters per second
cpl	Character per line
POH	Power On Hours

Disclaimers:

[*1] Actual print yield may vary depending on usage purpose and environment.

[*2] Without condensation.

Dealer's Stamp

Find out more at **www.epson.com.sg/dotmatrix**

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