

digital

Printing Systems

LA30N Dot-Matrix Companion Printer

Flexible forms printing for open systems environments

A third-generation dot-matrix printer, the LA30N represents the latest technology, offering rapid printing speed, flexibility, and dependability. A proven performer in multiple environments, the LA30N is ideal for use in a wide range of industries from banking and pharmaceuticals to healthcare, education and government.



Digital's LA30N companion printer achieves excellent performance in its price range. The 24-wire printhead produces clear, crisp output of both text and graphics. It supports Digital's ANSI-Compliant Printing Protocol Level 2 (DEC PPL2), IBM Proprinter X24E, and Epson ESC/P2 emulations.

The flexibility of the LA30N printer makes it ideal for all styles and types of printing and graphics applications, including labels and multipart forms, point-of-sale billing, invoicing and accounts receivable. With the ability to switch serial and parallel interfaces automatically, the LA30N can be connected to two systems simultaneously.

The LA30N companion printer meets your varied printing and paper-handling requirements, and has the flexibility to work with most personal computers, terminals and workstations – in either a personal or shared environment.

In multiuser environments, users can choose either of two user configurations which are readily accessible through the control panel or application programs. To reduce the risk of accidental job interruption, the LA30N control panel can be locked out under program control. Virtually maintenance-free, the LA30N offers the added benefit of a user-installable printhead. Its advanced paper-handling features allow for either rear or bottom paper feed, as well as push or pull tractor feed.

The LA30N companion printer, like all Digital products, is supported by Digital's customer service organisation. Digital has a portfolio of multivendor services and support that can be specifically tailored to your needs. To learn more about the LA30N, contact your local Digital reseller or Digital sales representative.



LA30N

Specifications

Printing method	24-Wire dot matrix	
Wire diameter	0.2 mm (0.008 in.)	
Wire spacing (vertical)	0.141 mm (1/180 in.)	
Printing directions	Bidirectional, logic-seeking or unidirectional seeking	
Character cell (horizontal x vertical)	@10 cpi	@12 cpi
Letter quality	36 x 24	30 x 24
Correspondence	18 x 24	
Draft quality	12 x 24	
High-speed draft	9 x 24	
Print speed	@10 cpi	@12 cpi
Letter quality	100 cps	120 cps
Correspondence	200 cps	240 cps
Draft quality	300 cps	360 cps
High-speed	333 cps	400 cps
<i>(Note: cpi = characters per inch, cps = characters per second)</i>		
Line-feed speed	60 ms per line at 6 lines per inch	
Form-feed speed	14.22 cm (5.6 inches) per second	
Resolution		
Letter quality	360 x 180 dpi	
Correspondence	180 x 180 dpi	
Draft quality	120 x 180 dpi	
High-speed draft	90 x 180 dpi	
Graphics	360 x 360 dpi	
Paper size		
<i>Continuous</i>	Width	102–267 mm (4–10.5 in.)
	Length	102 mm (4 in. or more)
<i>Cut sheets</i>	Width	102–267 mm (4–10.5 in.)
	Length	76–364 mm (3–14.3 in.)
Paper length		
By software	Programmable in one line or inch increments in all emulations	
By control panel	Depends upon emulations. Default is 11 inches for all emulations	
Paper type	One- to five-part side-glued or paper-stapled fan fold continuous forms or label sheets with sprocket holes. One- to five-part top-glued cut sheets and envelopes	
Number of copies	Up to five, including the original	
Paper thickness	Up to 0.35 mm (0.014 in.)	
Paper handling	Friction-feed platen (cut sheet)	
	Push tractors (rear feed of continuous forms)	
	Pull tractors (bottom feed of continuous forms)	
	Paper loading by LOAD button	
	Advancing perforations to tear-off edge by PAUSE button	
	Parking continuous forms when using cut sheet	
Acoustic noise level	Average 55 dB(A)	

Interfaces	DEC423 serial, Parallel bitronics
Data buffer size	2KB, 8KB, 10KB, 32KB, or 64KB
Download buffer	Maximum 128KB
Protocols	DEC ANSI PPL 2, IBM Proprinter X24E, Epson ESC/P2
Resident fonts	8 barcodes and 7 typefaces
Power requirements	100 to 120 VAC +/-10%; 50/60 Hz 200 to 240 VAC; -10%, +6%; 50/60 Hz
Heat generation	Average: 65 kcal/h
Safety/Performance	UL 1950, CSA C22.2/950, TUVEN60950/08 EMKO-TSE (74-SEC)207/94 Class B of FCC Part 15B, CE marking
Operating environment	5° to 38° C, (41° to 104°F) 10% to 95% RH (no condensation)
Storage environment	-15° to 60° C, (-4° to 140°F) 10% to 95% RH (no condensation)
Duty cycle	3,500 pages per month
MTBF	15,000 hours at 5% duty cycle
Consumables	
Print head life	150 million characters in draft quality
Ribbon life	2.5 million characters in draft quality
Dimensions	133 H x 434 W x 330 D mm
Weight	7.5 kg (16.5lb)
Warranty	1 year parts and labour

Ordering information

LA30N printer (power cord, DEC423 serial cable, Windows 3.11 driver (Windows 95 compatible), ribbon, user manual and cut-sheet stand included)

LA30N printer LA30N-##

Country kits:

AD = Denmark	AL = Switzerland (German)
AE = United Kingdom, Ireland	AP = France
AG = Germany	AS = Spain
AI = Italy	AT = Israel
AK = Switzerland (French)	CC = Central Europe

Connectivity options

LNXXD-AA*	LATprint ThinWire Ethernet interface
BC19M-10	Parallel interface cable for PCs (10 ft)
BC19M-06	Parallel interface cable for PCs (6 ft)
H8571-J	9-pin PC type-to-MMJ adapter
H8575-A	25-pin Female-to-MMJ adapter
H8575-B	9-pin Female-to-MMJ adapter
H8575-D	25-pin Male-to-MMJ adapter (modem)
H8671-A	MMJ-to-25-pin Male adapter (connects to existing RS232 25-pin cables)
H8673-AA	20 mA active host Mate-n-Lock-to-EIA-423 DECconnect MMJ passive converter
H8673-AB	20 mA active host RJ11-(6-pin)-to-EIA-423 DECconnect MMJ passive converter
H8673-AC	20 mA active host DB25-to-EIA-423 DECconnect MMJ passive converter

Options and supplies

LA30N black ribbon	LA30R-KA
LA30N colour ribbon	LA30R-KC
LA30N printhead	LA30X-PH
LA30N colour kit	LA30X-CK
LA30N platen cleaner	PCXXA-PC

* North American order number; international variants available

Digital believes the information in this publication is accurate as of its publication date; such information is subject to change without notice. Digital is not responsible for any inadvertent errors. Digital conducts its business in a manner that conserves the environment and protects the safety and health of its employees, customers, and the community.

Digital, the DIGITAL logo, DECconnect, LA, LATprint and ThinWire are trademarks of Digital Equipment Corporation.

As an Energy Star Partner, Digital has determined that this product meets the Energy Star guidelines for energy efficiency.

IBM and the IBM Proprinter X24E are trademarks or registered trademarks of International Business Machines Corporation. Windows and Windows 95 are trademarks of Microsoft Corporation.

