

OKI® MICROLINE® 420/421

9-Pin Impact Printer

Superior Reliability Backed By 3-Year Standard Warranty



Sophisticated performance technology:
The OKI® ML420 and wide-carriage ML421 are filled with specially designed features enabling them to deliver reliable, high-quality output in the most demanding environments.

Highlights of the MICROLINE® 420 and Wide-Carriage MICROLINE 421:

- Rated at 20,000 hours MTBF
- 3-Year standard warranty
- Print speeds up to 570 cps¹
- Integrated USB and IEEE Parallel connectivity standard
- Optional OkiLAN® 6120i 10/100 Base-T Ethernet® internal print server
- Crisp, clear printing on 6-part forms
- Expandable head gap – accommodates multi-part forms and cut-sheet stock including labels and stiff index stock
- 128 KB receive buffer/memory
- 4 million-character ribbon life
- 200-million character printhead life
- Small footprint – ideal for retail countertops
- Uses the same accessories as ML320/321 Turbo Series

¹ SuperSpeed Draft Mode.

The fast, rugged dedicated forms printer designed to perform in demanding environments.

Doing the job day after day. The OKI® MICROLINE® 420 9-pin printer and its wide-carriage counterpart ML421 are a quantum leap forward in Impact printer performance.

Engineered for dedicated forms printing in the most demanding point-of-sale, automation and utility environments, ML420/421 printers are right at home in applications such as retail sales counters, medical facilities, automotive rental and repair shops, airline counters, financial departments and manufacturing sites. Their print speed and versatile paper handling make them ideal for the office, too.

Performance is built in. The ML420/421 sport features that give them a strong edge over their predecessors as well as the competition:

- 3-piece top cover provides easy access and unsurpassed break resistance
- An internal cooling fan provides continuous airflow for the printhead—maximizing throughput productivity for long, unattended print jobs
- Additional feed rollers provide precise forms handling and printed-character placement accuracy

Exceptional paper-handling versatility.

The ML420/421 have a zero-tear feature that accurately positions continuous forms for a clean tear at the perforation, which eliminates wasted stock. You also get perfect results with single sheets, index stock, labels and envelopes, too. All without jams or smears.

Value that goes the distance.

The OKI ML420/421 deliver the kind of productivity usually reserved for printers many times the price—starting with a super-fast print speed of 570 characters-per-second (in SuperSpeed Draft mode).

Then there's the rugged printhead—with its 200-million character life, powerful samarium cobalt magnets and stored-energy pins—delivering precise, sharp characters all the way through to the last page of a 6-part form. And the patented OKI closed-loop feedback system that assures character placement accuracy...

The OKI ML420/421: Just turn 'em on and turn 'em loose.



OKI®

Designed to Perform in the Most Demanding Environments.

PROVEN.

OKI® MICROLINE® 420/421

9-Pin Impact Printer

Built to last, inside and out.

Field-proven reliability is just one reason OKI® MICROLINE® impact printers are the most widely-used in North America.¹

The performance-optimized power supply of the ML420/421 has been enlarged to easily handle harsh printing conditions — and its energy management capabilities match power expenditures to print-job size, maximizing the life of the 9-pin printhead and other components. A long-lasting rack-and-pinion drive system ensures print quality longer than belt or cable systems. And the ergonomically-designed, impact-resistant chassis protects the ML420/421 from damage, even in the toughest working environments.

Performance that's user-friendly.

Controls are conveniently placed on the front panel for fast access. The automatic loading of continuous and cut stock makes every print job easier, and the design of the internal sheet separator enables easy loading of tractor-fed paper into the rear push tractor.

OKI has a reputation for quality and reliability no competing printer can claim — and backs it with 3 years of warranty coverage² and a network of authorized OKI Dealer Service Centers and Service Depots.

The reliable, affordable ML420/421 can work wonders in virtually any forms-handling application.



Wide-carriage MICROLINE 421

Specifications

Technology, Speed and Print Characteristics

Printhead:	9-Pin SIDM
Graphics Resolution:	240 (H) x 216 (V) dpi maximum
Feed Rate:	4.5 ips (11.4 cm/sec.)

Print Speed and Character Matrix:

Mode	NLQ (10 cpi)	Utility (10 cpi)	HSD (10 cpi)	SSD (12 cpi)
Speed (in cps)	95	380	510	570

Emulation, Interface and Memory

Emulation:	Epson® FX, IBM® ProPrinter®, OKI MICROLINE
Interface:	Standard — IEEE Parallel and USB; Optional — RS-232C Serial and Ethernet® via OkiLAN® 6120i 10/100 Base-T Internal Print Server (no AC power adapter required); Twin-ax/Co-ax through 3rd Party
Memory:	128K

Compatibility

Operating Systems:	Windows® XP, 2000, 98/95, 3.x and NT® 4.0; MS-DOS®
---------------------------	--

Paper Handling

Paper Input:	Single-part, Multi-part, Continuous forms, Cut sheet, Index stock, Envelopes, Labels
Number of Copies:	6
Thickness:	0.017" (0.43 mm) maximum
Paper Feeding:	Rear Push and Friction Feed
Options:	Bottom Push Tractor, Top Pull Tractor, Cut Sheet Feeder, Roll Paper Stand

Warranty and Reliability

Limited Warranty:	3-Year parts and labor, 2-Year printhead
MTBF:	20,000 hours (25% duty cycle/35% page density)
Printhead Life:	200 million characters
Ribbon Life:	4 million characters

Environmental

Size (WxDxH):	ML420 — 15.7" x 13.6" x 6.0" (39.8 cm x 34.5 cm x 15.2 cm); ML421 — 21.7" x 13.6" x 6.0" (55.1 cm x 34.5 cm x 15.2 cm)
Net Weight:	ML420 — 16.4 lb. (7.43 kg); ML421 — 21.2 lb. (9.6 kg)
Acoustic Noise:	56 dBA

Ordering Information (Part Number)

Printer:		RS-232C Serial Interface (19.2K baud max.)	70012801
MICROLINE 420/Parallel/120V	62418701	OkilAN® 6120i 10/100 Base-T Ethernet	
MICROLINE 420/Parallel/230V	62418702	Internal Print Server	70046501
MICROLINE 421/Parallel/120V	62418801	OkilAN® 6020e 10/100 Base-T Ethernet	
MICROLINE 421/Parallel/230V	62418802	External Print Server	70036001
Accessories:		OkilAN 6010e 10 Base-T Ethernet	
Top-Mount Pull Tractor Kit with acoustic cover:		External Print Server	70034401
ML420	70030501	Self-inking Ribbon Cartridge	42377801
ML421	70030601	Twin-ax/Co-ax (Available through Third Party. Call 1-800-OKI-DATA.)	
Bottom Push Tractor Kit:			
ML420	70030701		
ML421	70030801		
Cut Sheet Feeder	70030101		
Roll Paper Stand (ML420 only)	70023301		

For more information on OKI Impact Printers and supplies, including OKIcare® Extended Service Programs: **1-800-OKI-DATA** (800-654-3282).

¹ 2002 NPD Intellect and Evans Research Market Share Data.

² 3-year standard warranty parts and labor/2-year printhead.

All specifications subject to change without notice.

© 2002 Oki Data Americas, Inc. OKI Reg. T.M., M.D., M.R., MICROLINE, OkilAN, OKIcare Reg. T.M., Oki Electric Industry Co., Ltd. 7-Day/24-Hour logo T.M., Oki Data Americas, Inc. Epson Reg. T.M., Seiko Epson Corp. IBM, ProPrinter Reg. T.M., International Business Machines, Inc. Windows, Windows NT, MS-DOS Reg. T.M., Microsoft Corp. Novell, Novell YES Reg. T.M., Novell Corp. Ethernet Reg. T.M., SCO. Energy Star Reg. T.M., U.S. EPA.

OKI®

Oki, Network Solutions
for a Global Society

To contact Oki Data Americas, Inc.

In USA: 2000 Bishops Gate Blvd.
Mount Laurel, NJ 08054-4620
Tel: 800.OKI.DATA (800.654.3282)
Fax: 856.222.5320

In Canada: 2735 Matheson Blvd. East
Mississauga, Ontario L4W 4M8
Tel: 905.238.4250
Fax: 905.238.4421

In Latin America and Mexico:

2000 Bishops Gate Blvd.
Mount Laurel, NJ 08054-4620
Tel: 856.231.0002
Fax: 856.222.5071



www.okidata.com

800.OKI.DATA