

OKI® MICROLINE® 520/521

9-Pin Impact Printers



The reliable printer

that does it all



Highlights:

The superior-performance 9-pin printer for multiple paper-handling applications.

OKIsmart Paper Handling® for hassle-free switching between paper types

Printhead "reads and learns" – then automatically adjusts

435 characters-per-second print speed

Zero-form tear with auto-form advance

Crisp, clear printing – even on 6-part forms

Windows NT®, Windows® 2000, 98, 95 and 3.1x compatible

Co-resident Epson®, IBM® and MICROLINE emulations

Networkable via optional Ethernet external print server

Eight resident scalable barcodes

Wide-carriage width available with ML521

1-year limited warranty, including parts, labor and printhead

Toll-free, 7-day/24-hour Customer Support Hotline: 800-OKI-DATA (800-654-3282)¹

¹ Available in the U.S. and Canada only.

The superior-performance 9-pin printer for multiple paper-handling applications.

There's nothing like it in its class. The MICROLINE® 520/521 is measurably faster: it prints faster in any mode, and feeds paper faster, too. And its printhead is designed to last twice as long as those of competitive dot matrix printers.

It also has something you won't get with conventional 9-pin printers: patented OKIsmart Paper Handling® for hassle-free switching between different paper types. No more guesswork. No more searching for the owner's manual. No more paper jams or uneven print quality. Instead, the ML520/521 "reads and learns," automatically adjusting to the paper you feed it. You get perfect output on single sheets, card stock, multi-part forms (up to six parts!) and labels. What's more, envelopes print out flawlessly, with no jams or smears.

Individual pins in the printhead also adjust to the changes in paper, so uneven printing, smears and

light spots are things of the past. The printhead lasts longer, and the printer uses less power and works more efficiently.

The ML520/521 can also increase your productivity: paper loading is easier than ever, and its jam-free paper path ensures uninterrupted throughput during long print runs.

It can save you money in the long run, as well: the zero tear function of the optional Bottom Push Tractor lets you print on "difficult" media without wasting any forms.

You get handsome output and exceptionally fast throughput every time you print with the OKI ML520 and wide-carriage ML521.

OKI®
COMMAND
PERFORMANCE™

OKI® MICROLINE® 520/521

9-Pin Impact Printers



Productivity-enhancing features.

When it comes to sheer print speed, the ML520/521 turns out a blazing 435 characters per second (cps) in high speed draft print mode, 325 cps in utility mode, and 80 cps in near-letter quality mode.

The ML520/521 has 8 resident bar code fonts, including USPS-certified PostNet™, for envelopes and labels. Plus, to get the most out of your software without extra cost, select from Epson®, IBM® and MICROLINE® emulations, all of which are resident standard.

The ML520/521 is so reliable, it comes with a 1-year warranty on parts, labor and printhead. In addition, the ML520/521 printhead has a life expectancy of over 200 million characters, so you know it can do the job when you need it.

The ML520/521 has several OKI-engineered accessories to help you make the most of your work day—including a Bottom Feed Push Tractor kit for thick forms; a Pull Tractor for multi-part forms, card stock and labels; a serial interface that lets you connect easily to a variety of systems and increase the productivity of your work environment; a 4-million character long-life ribbon; and a Cut Sheet Feeder that gives you more time for other work during long, unsupervised print runs.

For reliability you can count on, it's the ML520/521.

Specifications

Technology, Speed and Print Characteristics

- **Printhead:** 9-Pin SIDM
- **Graphics Resolution:** 288 (H) x 144 (V) DPI maximum
- **Feed Rate:** 5.0 ips
- **Print Speed and Character Matrix:**

Mode	NLQ	Utility	HS Draft
Speed (in cps)	80	325	435
Matrix (H x V)	17 x 13	9 x 7	7 x 7

Emulation, Interface and Memory

- **Co-resident:** IBM ProPrinter, Epson FX and OKI MICROLINE
- **Interfaces: Standard:** Centronics® Parallel
Optional: RS-232C Serial; Ethernet via OkilAN® 6120e 10/100 Base-T Internal Print Server standard on ML520/n and ML521/n¹, OkilAN® 6020e 10/100 Base-T External Print Server or OkilAN® 6010e 10 Base-T External Print Server; Co-ax Adapter or Twin-ax/Co-ax (3rd party)
- **Standard Memory:** 128K
- **Receive Buffer:** 64K

Compatibility

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

Fonts/Characters

- **Code Pages:** Standard ASCII; Epson Character Set I & II; IBM Character Set I, II & All Characters; Foreign character substitution; International character sets; Code page 850, 860, 863, 865; Bar code
- **NLQ:** Courier, Gothic
- **Utility/HS/D:** Gothic
- **Bar Codes:** Bar code 39, UPC E, EAN 8 & 13, Interleaved 2 of 5, Code 128 (A,B,C), PostNet®

Paper Handling

- **Paper Input:** Continuous forms, Cut sheet, Card stock, Envelopes, Labels
- **Number of Copies:** 6-part forms
- **Thickness:** Rear Feed: 0.14" (0.36mm); Bottom Feed: 0.17" (0.44mm)
- **Paper Feeding:** Top, Rear, Bottom; Built-in Rear Push Tractor; Friction Feed (Top)
- **Options:** Top-mount Pull Tractor, Cut Sheet Feeder, Bottom Feed Tractor Kit w/Metal tear bar, Roll Paper Stand (ML 520 only)

Warranty and Reliability

- **Limited Warranty:** One year parts and labor
- **MTBF:** 6,000 hours (25% duty cycle/35% page density)
- **Monthly Workload:**
ML520 – 21,000 pages at 25% duty cycle/35% density;
ML521 – 14,000 pages at 25% duty cycle/35% density
- **Printhead Life:** 200 Million characters avg. in 10 cpi/utility mode/normal at 25% duty cycle/35% page density)
- **Ribbon Life:** 4 million characters

Environmental

- **Size (WxDxH):**
ML 520 – 16.9" x 14.9" x 6.5" (43cm x 37.8cm x 16.5cm);
ML 521 – 23" x 14.9" x 6.5" (58.4cm x 37.8cm x 16.5cm)
- **Net Weight:**
ML 520 – 17.6 lb. (8.0kg), ML 521 – 23.1 lb.(10.5kg)
- **Acoustic Noise:** 55 dBA (NLQ mode), 53 dBA (Quiet mode)



The rugged, tough OKI printhead has twice the life of ordinary impact printheads. And, with OKIsmart Paper Handling[®], adjusts for any paper type – automatically.

Ordering Information (Part Number)

Printer	Part Number
MICROLINE 520 – 120V	62409001
MICROLINE 520 – 220//240V	62409002
MICROLINE 520/n – 120V	62416101
MICROLINE 521 – 120V	62410001
MICROLINE 521 – 220//240V	62410002
MICROLINE 521/n – 120V	62416201

Accessories

Bottom Feed Push Tractor (ML520)	70022901
Bottom Feed Push Tractor (ML521)	70023101
Pull Tractor Kit (ML520)	70023001
Pull Tractor Kit (ML521)	70023201
Cut Sheet Feeder (ML520)	70022501
Cut Sheet Feeder (ML521)	70022701
OkilAN® 6020e 10/100 Base-T Ethernet External Print Server	70036001
OkilAN® 6010e 10 Base-T Ethernet External Print Server	70034401
Roll Paper Stand (ML520 only)	70023301
Super-speed 19.2K RS-232C Serial I/F	70012801
Co-ax Adapter	70047201
Twin-ax/Co-ax (Also available through Third Party. Call 1-800-OKI-DATA.)	

Ribbon:

Black cartridge	52107001
-----------------	----------

OKIcare® Overnight Exchange Warranty Extensions²

	U.S.	Canada
OKI SIDM Desktop 1-Yr. Warranty Ext.	58251901	58251911
OKI SIDM Desktop 2-Yr. Warranty Ext.	58252001	58252011

OKIcare® Depot Warranty Extensions²

	U.S.	Canada
OKI SIDM Desktop 1-Yr. Warranty Ext.	58251001	58251011
OKI SIDM Desktop 2-Yr. Warranty Ext.	58251101	58251111
Desktop Upgrade to Overnight Exchange	58251801	58251811

For more information on OKI Impact Printers and supplies, including OKIcare® Extended Service Programs: **1-800-OKI-DATA** (800-654-3282).²

¹ Factory-configured only.

² Available in U.S. and Canada only.

All specifications subject to change without notice.

© 2004 Oki Data Americas, Inc. OKI, MICROLINE, OkilAN, OKIsmart Paper Handling, Reg. T.M., Oki Electric Industry Co., Ltd. Command Performance, 7-Day/24-Hour logo T.M., Oki Data Americas, Inc. Windows, MS-DOS Reg. T.M., Microsoft Corp. Centronics Reg. T.M. Centronics Data Computer Corp. EPSON, Reg. T.M., Seiko Epson Corp. IBM, Reg. T.M., International Business Machines Corp. PostNet Reg. T.M., USPS. 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

