

OKI® MICROLINE® 186

9-Pin Impact Printers



Big performance. Small package.



Highlights:

Superior reliability for demanding environments:
Rated at 20,000-hours MTBF

3-Year standard warranty, parts and labor;
upgradable to 5 years of coverage with options¹

Print speeds up to 375 cps²

Integrated USB and IEEE Parallel connectivity
standard

Optional OkiLAN® 6020e 10/100 Base-T Ethernet
external print server

Small footprint and low profile fits anywhere,
even on retail countertops

Crisp, clear printing on 5-part forms

128 KB receive buffer/memory

200-million character printhead life

3 million-character ribbon life

Co-resident Epson® ESC/P, IBM® 2480 and
OKI® MICROLINE® printer emulations

Supports Windows® XP, 2000, 98/95, 3.x, NT® 4.0,
MS-DOS®, Unix®, and Linux OS

Uses same accessories as ML184 Turbo series

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

² SuperSpeed Draft mode.

A 3-year warranty comes standard with this rugged and reliable forms printer

This OKI® Impact printer combines versatile
paper handling, fast throughput, and a
space-saving footprint.

The OKI MICROLINE® 186 has a way with tough
conditions. This compact forms printer actually thrives
in industrial and point-of-sale environments because
it's built to meet the renowned OKI standards for
quality and Tank-Tough® reliability. As proof, the
ML186 has a 20,000-hour MTBF rating, more than
triple that of its closest competitor. Just put it to work
and see for yourself how it delivers!

Small package, big performance. For its size and
weight, the ML186 is fast—375 cps in SuperSpeed
Draft mode. It also combines efficiency with economy.
It's packed with advanced, field-proven technology,
including a patented OKI closed-loop optical sensor
that accurately positions the printhead, ensuring
precise characters even on the last page of a
5-part form.

The ML186 sports our rack-and-pinion drive system
for dependable throughput and longer wear, a sturdy
200 million-character printhead that's designed to
deliver output speeds 25% faster than its predecessor,
and a 16-bit CPU for even quicker processing.

Exceptional paper handling. The ML186 can print
virtually any continuous or sheet-fed form—including
"difficult" media: its pinfeed platen moves card stock
and labels effortlessly, along with multi-part forms up
to 10" wide. A short, straight paper path reduces the
possibility of media jamming. Continuous forms and
single sheet paper (e.g. letterhead) feed smoothly
through the rear or top. And the optional Pull Tractor
Kit handles media from 3" to 9.5" wide.

Unlike most other industrial and POS printers,
the ML186 offers both bottom-feed and short-tear
standard, so you can remove forms right at the
perforation every time... which means the next
form isn't wasted.

All that and it's easy to use, too. Walk up to the
ML186 and select your character sets, form length,
and line feed setting—right from the operator panel.
It couldn't be easier.

Of course, if you need technical assistance, you
can speak to a live expert—24x7x365—by calling
800-OKI-DATA (800-654-3282).¹

For the next generation in forms-printing performance,
specify the OKI ML186.

OKI®
COMMAND
PERFORMANCE™

OKI® MICROLINE® 186

9-Pin Impact Printers



Getting the job done. Easily.

OKI® MICROLINE® Impact printers are the most widely used in North America.¹ And, in keeping with the OKI tradition of reliable performance, the ML186 sets an impressive pace—whatever the need or workload.

Select any of four speed settings and get a quality product in less time. Fastest is the blazing 375 cps “Super Speed” Draft mode, followed by the 333 cps High-Speed Draft, 250 cps Utility, and the Near-Letter Quality of 62.5 cps.

If you process your information over long distances, the ML186 has an option that can save time and expense: an OkilAN® 10/100 Base T Ethernet external print server that lets you connect over the Internet using TCP/IP protocols.

The printer's small footprint makes it ideal for use in your system configuration. And the operator panel control of character sets, form length, and other frequently used functions makes the ML186 quite easy to use. (The printer has a “lockout” feature to prevent unauthorized setting changes.)

OKI provides the edge in quality and reliability no competing printer can claim. It's the reassurance that comes with the backing of a full 3-year warranty² and a network of authorized OKI Dealer Service Centers and Service Depots.

Demand only the best. Put the rugged, affordable MICROLINE 186 to work in the shop or behind the counter. Today.

Specifications

Technology, Speed and Print Characteristics

- **Printhead:** 9-Pin SIDM
- **Graphics Resolution:** 240 (H) x 216 (V) dpi maximum
- **Feed Rate:** 2.0 ips
- **Character Pitch (cpi):** 10, 12, 15, 17.1 and 20
- **Print Speed and Character Matrix:**

Mode	NLQ	Utility	HS Draft	SS Draft
Speed (cps)	62.5	250	333	375
Pitch (cpi)	All	All	All	12 only
Matrix (H x V)	12 x 17	12 x 9	10 x 9	8 x 9
- **Character Sets:** Standard ASCII, Epson, IBM, MICROLINE; 39 Foreign sets; 49 Code pages; Bar codes; PostNet

Emulation, Interface and Memory

- **Co-Resident Emulations:** IBM® 2480, Epson® ESC/P and OKI® MICROLINE®
- **Interface:** Standard – Integrated USB and IEEE Parallel; Optional – RS-232C Serial; Ethernet® via OkilAN® 6020e 10/100 Base-T External Print Server
- **Memory:** 128K Receive Buffer

Compatibility

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

Paper Handling

- **Paper Input:** Single-part, Multi-part, Continuous forms, Cut sheet, Card stock, Envelopes, Labels
 - **Number of Copies:** 4-part Rear Feed; 5-part Bottom Feed
 - **Thickness:** 0.011" (0.28mm) maximum
 - **Paper Feeding:** Top Friction, Bottom (with optional Tractor), Rear Pinfeed Platen
 - **Options:** Pull Tractor, Roll Paper Stand, Cut Sheet Feeder
- #### Warranty and Reliability
- **Limited Warranty:** 3-Year parts and labor, 2-Year printhead
 - **MTBF:** 20,000 hours (25% duty cycle/35% page density)
 - **Monthly Workload:** 13,000 pages at 25% duty cycle/35% density
 - **Printhead Life:** 200 million characters avg. in 10 cpi utility mode at 25% duty, 35% page density
 - **Ribbon Life:** 3 million characters (Utility mode)

Environmental

- **Size (WxDxH):** (with platen knob, tractor feed unit and acoustic cover) 4.17" x 10.96" x 5.04" (36 cm x 27.85 cm x 12.8 cm)
- **Net Weight:** 10 lb. (4.5 kg)
- **Acoustic Noise:** 58 dBA

Ordering Information

Printer	Part Number
MICROLINE 186 – Parallel, USB 120V	62422301
MICROLINE 186 – Parallel, USB 230V	62422302
MICROLINE 186 – Serial, USB 120V	62422401
MICROLINE 186 – Serial, USB 230V	62422402

Accessories

Tractor Feed Kit with Acoustic Cover	70009701
RS-232C serial interface 19.2K baud max (XON/XOFF, Ready/Busy)	70004601
OkilAN® 6020e 10/100 Base T Ethernet External Print Server	70036001
Roll Paper Stand	70007701
Twin-ax/Co-ax (Also available through Third Party. Call 1-800-OKI-DATA.)	

Ribbon

Re-inking Ribbon Cartridge	52102001
----------------------------	----------

OKIcare® Overnight Exchange Warranty Extensions³

	U.S.	Canada
OKI ML186 1-Yr. Warranty Ext.	58264901	58264911
OKI ML186 2-Yr. Warranty Ext.	58264902	58264912

OKIcare® Depot Warranty Extensions³

	U.S.	Canada
OKI ML186 1-Yr. Warranty Ext.	58264701	58264711
OKI ML186 2-Yr. Warranty Ext.	58264702	58264712
OKI ML186 3-Yr. Upgrade from Depot to Overnight Exchange	58264801	58264811

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

¹ Q4 2003 IDC Quarterly Tracker and Evans Research.

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

³ Available in U.S. and Canada only.

Specifications are subject to change without notice.

© 2004 Oki Data, a Division of Oki America, Inc. OKI Reg. T.M., M.D., M.R., Oki Electric Industry Co., Ltd. MICROLINE, Tank-Tough, OkilAN Reg. T.M., Oki Electric Industry Co., Ltd. 7-Day/24-Hour logo T.M., Oki America, Inc. Windows, MS-DOS Reg. T.M., Microsoft Corp. IBM Reg. T.M., International Business Machines Corp. Unix Reg. T.M., SCO. Energy Star Reg. T.M., U.S. EPA.

Versatile paper feeding.

The ML186 can handle virtually any kind of media that you feed it. (Shown with top-feed paper guide in upright position.)



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

