



MICROLINE 700 series

720/721 - 9pin, 790/791 - 24pin
High speed dot matrix printers

MICROLINE 700 series



The new OKI dot matrix printers, MICROLINE 700 series delivers superior value and benefits to your business with its heavy-duty printing capabilities and high speed throughput – yet reasonably priced to suit all budgets.

High speed printing on a wide variety of systems

A newly designed print head with heat sink realizes the world's fastest print speed in its class with low noise. To offer optimal connectivity for stand-alone or network use, MICROLINE 700 series has standard USB/parallel ports and optional 10/100Base-T* or serial interfaces. Inheriting OKI's highest quality standards, MICROLINE 700 series offers you excellent flexibility and increased productivity with its high performance.



Choose from 4 models to maximize your business

MICROLINE 720/721 for 9pin narrow/wide
MICROLINE 790/791 for 24pin narrow/wide

MICROLINE 720/721 are 9-pin models and MICROLINE 790/791 are 24-pin models. Choose from these 4 models according to your business situation. MICROLINE 700 series hosts a series of outstanding features such as:

World fastest printing speed

Acclaimed in printer industry as one of the world's fastest dot matrix printers at 570cps (ML720/721), it is 47% faster than the previous MICROLINE models. To accelerate this high performance, buffer memory has been extended to 128KB.

Robust quality

The MICROLINE 700 series promises the ultimate in durability and robustness.

The meantime to before failure (MTBF) has been extended to 20,000 Hours; a remarkable improvement compared to rivals' average 10,000 Hours!

Meet the needs of various business environments

This heavy-duty workhorse serves your business needs as the best partner— Printing at point of sales/service in retail stores, hotels, restaurants and pharmacies or for automation at your

office, warehouse and factory; any business that requires a dot matrix printer, MICROLINE 700 series satisfies your requirements.

Quiet operation for your office environment

ML700series quiet operation gives you the freedom of choice to locate the printer without worrying about excessive noise. The noise level is less than 52dBA when it is in quiet mode.

Flexible for Stand-alone, Network Use

Versatile connectivity supports Parallel and USB 1.1 ports as standard, 10/100Base-T* and Serial port as optional, MICROLINE 700 series offers you a wide range of connectivity options.

High quality print even on thick media

For heavy-duty printing, MICROLINE 700 series is a perfect solution. Multi-part printing up to 6-part (ML720/721, 1 original + 5 copies) is a hassle-free task - while ensuring consistent print quality on every copy.

High speed dot matrix printers MICROLINE 700 series

ML700 series new features for durability and high performance



New design print head

MICROLINE 700 series applied newly designed print head with heat sink. This print head increases productivity with faster throughput and longer continuous printing.



Powerful cooling fan

Another strength is a newly installed cooling fan. It cools down the print head for longer continuous printing and extended print head life.



New hassle-free sheet separator mechanism

For easy paper handling, ML700 series deploys a newly designed sheet separator. Media can be changed without removing the sheet separator.

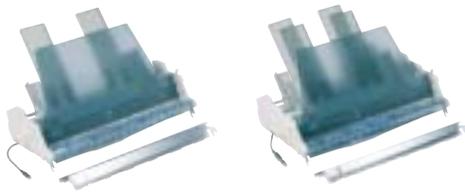


Versatile interfaces

Versatile connectivity supports Parallel and USB1.1 ports as standard, 10/100Base-T* and serial ports as optional, offering you a wide range of connectivity options.

Optional accessories

Enhance ML700series functionality and performance with the following optional accessories:

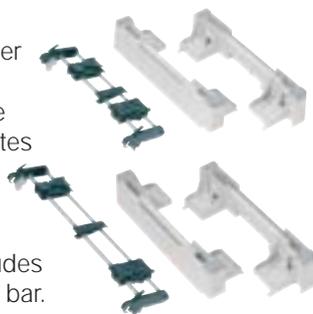


Cut Sheet Feeder, Single-Bin and Dual-Bin

The single-bin cut sheet feeder for automatic feeding of multiple single sheet paper saves time and increases productivity.

Push Tractor, Bottom-Feed

The built-in push tractor with paper tension unit allows continuous feeding and jam-free printing. The Bottom paper path totally eliminates the chance of paper curling. The optional Bottom feed is most suited for printing card stock, multi-part forms, and labels. Includes bottom tractor with metal tear-off bar.



Pull Tractor, Top-Mount

Ensures the paper path is short and straight. Ideal for bottom-feed of labels or thick card stock. Can be used together with rear-feed tractor to enable more precise paper control when printing on multi-part forms. Includes cover for installation in place of access cover.

Roll Paper Stand

Equipped with paper low sensor. Includes stand and support with cable for connection to printer.



10/100Base-T External LAN Box*, Serial Interface Card

Enhanced versatile connectivity for networks according to your needs.

* Third party optional

MICROLINE 700 series highlights

- World fastest in its class
- New look & feel design with modern curved shape
- Higher reliability with an MTBF of 20,000 Hours
- Tougher print head for continuous print
- Stronger impact for more multi-part forms

- USB & Parallel interfaces standard
- 10/100Base-T* or serial port optional
- MICROLINE 720/ 721 for 9pin narrow/ wide
- MICROLINE 790/ 791 for 24pin narrow/ wide

MICROLINE 700 series

MICROLINE

TECHNICAL FEATURES

MICROLINE 720/721 Specifications

General Characteristics

Number of pins:	9	
Number of multi-part forms	6 (1 original + 5 copies)	
Print speed (cps) at:	12cpi	10cpi
super speed	570	-
high speed draft	507	507
utility	380	380
near letter quality (NLQ)	95	95
fastest print speed	570cps	
Carriage width	ML720	ML721
compressed mode	80 columns	136 columns
Dimensions (HxWxD mm)	160 columns	272 columns
Weight	153x398x345	153x552x345
Continuous paper handling	7.5Kg	9.5Kg
equivalent to:	3" to 10"	3" to 16"
First printable line (from top of page)	76 to 254mm	76 to 406mm
Character pitch	0.02" (0.5mm) on cut sheet	
Graphics resolution	0.02" (0.5mm) on continuous forms	
Memory	10/12/15/17.1/20 pitch and proportional up to 240 x 216 dpi	
Noise level	128KB	
Power requirements	less than 56dBA/52dBA (quiet mode)	
Frequency	230V AC (+6%, -14%), 240V AC (±10%)	
	50/60 Hz	

Font & Print Features

Resident typefaces	NLQ Courier & Sans Serif, Utility, HSD
Font styles	Italics, Underline, Superscript, Subscript, Enhanced, Emphasised, Double width, Double Height, Bar Codes

Interfaces & Emulations

Emulations	OKIDATA ML, Epson Esc P2, IBM 2480/2481
Standard interfaces	Centronics Parallel and USB1.1
Optional Interfaces	Serial RS232C / RS244A/Current Loop/Network/Twinax/Coax cards

Reliability

Print head life	200 million (200,000,000) characters
MTBF	20,000 hours

Paper Handling

<u>Standard</u>	<u>Optional</u>
Auto-load single sheet	Pull tractors
Low tear-off	Single/Dual bin sheet feeder
Bottom feed	Roll paper stand (80 column only)
Rear push tractors	Bottom tractors with metal tear-off bar
Paper parking	



Specifications subject to change without notice. All trademarks acknowledged. As an ENERGY STAR partner, Oki has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

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MICROLINE 790/791 Specifications

General Characteristics

Number of pins:	24	
Number of multi-part forms	5 (1 original + 4 copies)	
Print speed (cps) at:	12cpi	10cpi
utility	378	315
letter quality (LQ)	126	105
high speed draft	-	420
fastest print speed	472.5cps	
Carriage width	ML790	ML791
compressed mode	80 columns	136 columns
Dimensions (HxWxD mm)	160 columns	272 columns
Weight	153x398x345	153x552x345
Continuous paper handling	7.6Kg	9.6Kg
equivalent to:	3" to 10"	3" to 16"
Continuous envelopes	76 to 254mm	76 to 406mm
equivalent to:	6.5"x3.6"	9.4"x4.1"
First printable line (from top of page)	165x91mm	239x102mm
Character pitch	0.02" (0.5mm)	
Graphics resolution	10/12/15/17/20 pitch and proportional up to 360 x 360 dpi	
Memory	128KB	
Noise level	less than 56dBA/52dBA (quiet mode)	
Power requirements	230V AC (+6%, -14%), 240V AC (±10%)	
Frequency	50/60 Hz	

Font & Print Features

Resident typefaces	Courier, Roman, Swiss, Orator, Prestige, Gothic, Utility
Font styles	Italics, Underline, Continuous underline, Superscript, Subscript, Enhanced, Emphasised, Double width, Outline, Shadow, Double Height, Over-score, Proportional, Scalable, Bar Codes

Interfaces & Emulations

Emulations	Epson Esc P2, IBM 2490/2491
Standard interfaces	Centronics Parallel and USB1.1
Optional Interfaces	Serial RS232C / RS244A/Current Loop/Network/Twinax/Coax cards

Reliability

Print head life	200 million (200,000,000) characters
MTBF	20,000 hours

Paper Handling

<u>Standard</u>	<u>Optional</u>
Auto-load single sheet	Pull tractors
Low tear-off	Single/Dual bin sheet feeder
Bottom feed	Roll paper stand (80 column only)
Rear push tractors	Bottom tractors with metal tear-off bar
Paper parking	