



Fast, flexible direct thermal label printer – with a 2-Year Overnight Exchange Warranty¹

The compact LD670 from OKI: perfect for small label printing applications

The fast and robust LD670 Label Printer is designed for all working environments, from the smallest to the harshest. The LD670 is perfect for printing small labels, such as retail price stickers, food expiration labels, medical test tube stickers, and packaging labels. With the appropriate media, this direct thermal printer can even print in two colors, to emphasize important information like cautionary or marketing messages.

With its compact design and unique front-exit paper path, the LD670 is equally at home on or under the counter—positioned horizontally or vertically—wherever space is at a premium. Connect it to a network or PC with your choice of RS232C Serial + USB 2.0 ports or 10 Base-T/100 Base-TX Ethernet.

There's also a standard buzzer function to notify users that their print jobs are complete—especially helpful in high-noise environments, like restaurant kitchens, manufacturing plants, transportation hubs, and auto repair shops.

Splash- and dust-proof, the rugged LD670 will deliver even in the most extreme conditions.

Flexible paper handling and a robust feature set.

The LD670 can handle a variety of label widths and varying thicknesses of roll or fanfold stock. An optional large roll paper feeder enables it to accommodate roll sizes up to 200mm O.D.

The LD670 produces 11 types of 1-dimensional barcodes and four 2-dimensional barcodes, so you can choose the configuration that best suits your requirements.

Additionally, it has an optical black mark sensor for ticket printing, as well as a transmission-type sensor to control print positioning on die-cut or notched stock. Together, they see to it that each label or ticket is positioned precisely for the full-cut auto cutter—providing clean, easy removal of printed output.

With its long list of standard features and capabilities, the LD670 Label Printer from OKI is ideal for your business. And OKI backs it with a 2-Year Advanced Overnight Exchange Warranty and 24/7/365 live technical support.¹

Highlights:

- Splash- and dust-proof – withstands extreme environments
- 2-color printing capability – for emphasis of important information
- Auto cutter (full cut) – enables clean and easy removal of printed labels
- Models with Serial + USB or LAN connectivity
- Buzzer alert function – signals completion of print job, ideal for environments with high noise levels
- 2-Year Advanced Overnight Exchange Limited Warranty¹



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

LD670

Specifications		
Technology	Print Method	Direct Thermal
	Print Speed	1 color: Up to 69 lps (260mm/sec) ¹ 2 color: Up to 30 lps (115mm/sec) ¹
	Printing Width	20mm – 80mm max.
	Print Resolution	203 dpi (8 dot/mm)
Interface	Standard	Choice of RS232C Serial + Full-speed USB 2.0 or 10 Base-T/100 Base-TX (RJ-45) Ethernet
Compatibility	Operating Systems	Windows® 7, Vista®, XP, 2000, Server 2008, Server 2008 R2, Server 2003; OPOS (v1.10)
	Emulation	Epson® ESC/POS®
Font and Graphics	Character Set	1-bit: ANK, International Character, Enlarged Graphics, Download Character; 2-bit: JIS1 & 2 Kanji, JISX0208-1990, User-Defined Character, Special Characters
	Barcodes	1D: UPC-A, UPC-E, EAN8, EAN13, CODE39, Interleaved 2 of 5, CODABAR (NW-7), Code 93, Code 128, GS1-DataBar (RSS), EAN-128/GS1-128; 2D: PDF 417, DataMatrix, MaxiCode, QR Code
	Graphic/Logo Storage	384 KB
Paper Handling	Media Width (Print Area)	25.4mm (20mm/160 dots); 70mm (64mm/512 dots); 80mm (64mm/512 dots or 72mm/576 dots); 82.5mm (80mm/640 dots)
	Media Roll Diameter	Up to 102mm standard; up to 200mm with optional Label Roll Holder
	Media Thickness	0.060mm (60µm) to 0.150mm (150µm)
	Cutter	Automatic Full-cut
	Paper Loading	Drop-in
	Sensors	Paper Near End; Paper End; Reflective (Black Mark); Transmissive (Die-cut label and notch)
	Buzzer	Signals job completion; standard
Environmental	Size (WxDxH)	5.03" x 8.15" x 5.70" (128mm x 207mm x 145mm)
	Weight	4.18 lb. (1.9kg)
	Electrical	24VDC +/- 10%
	Operating Temperature/Humidity	32°F to 104°F (0°C to 40°C); 10% to 95% RH, without condensation [Highest wet bulb temp. 84°F (29°C) or less]
	Storage Temperature/Humidity	-4°F to 140°F (-20°C to 60°C)/ 5% to 95% RH, without condensation
Reliability	Printer	70 million lines (MCBF)
	Printhead	150,000 characters (1 color); 75,000 characters (2 color)
	Cutter	2 million cuts at 0.060mm media thickness; 0.5 million cuts at 0.150mm media thickness; Die-cut labels 1 million cuts; Continuous labels (with cleaning) 1 million cuts
Warranty	Printer	2-Year Advanced Overnight Exchange ²
Options	Accessories	Label Roll Holder

Ordering Information	
Description	Part Number
LD670 Black-SERIAL/USB 120V	44925505
LD670 Black-LAN 120V	44925506
Options	44950602
Label Roll Holder	

For more information on Label/POS Printers from OKI, contact your OKI representative. Or visit our Web site: www.okidata.com

For a complete list of OKI print media, please go to our Web site: www.okidata.com

¹ Paper width up to 83 mm. Published performance results based on laboratory testing. Individual results may vary.

² Available in the U.S. and Canada only.

Specifications are subject to change without notice.

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