

Epson OmniLink™ TM-L90-i Intelligent Printer



- Printer with retail-hardened PC
- Ethernet, optional Wireless-N connectivity
- Supports web-based printing from any mobile device
- Add cloud services without need for legacy POS integration
- 4 USB ports for peripherals and video output
- Print speeds up to 150mm/sec
- Two-color receipt and label printing

The OmniLink™ TM-L90-i intelligent printer is ideal for retailers looking for a flexible, mobile POS system. It supports web-based printing from any mobile device, cloud-based services, interactive kiosk displays and more.

Integrated intelligence and performance

Epson's OmniLink TM-L90-i combines our cost-effective TM-L90 receipt and label printer with a retail-hardened PC and built-in web server to enable mobile POS deployments, cloud-based services and the power to drive web-based POS and information display applications. It provides the application power and flexibility to run a broad range of POS configurations.

Flexible, web-based mobile printing

The OmniLink TM-L90-i features Epson's unique ePOS-Print technology that enables browser-based printing from any mobile device, with no drivers to install. The ePOS-Print API provides seamless communication between the printer and iOS and Android devices, anywhere in the store.

Add value with cloud services

Retailers are looking at new ways to deliver value-added services to improve customer loyalty and drive sales. Epson's OmniLink TM-L90-i helps deliver personalized customer experiences by enabling cloud-based services such as data analytics, loyalty, coupons, rewards and digital

receipts, with no changes required to POS applications.

Powers kiosks and KDS

The OmniLink TM-L90-i includes a powerful, retail-hardened PC with VGA video output to drive kiosk displays and kitchen display systems. With Ethernet and optional Wireless-N cards for internet connectivity and ports to connect up to 4 USB peripherals, OmniLink offers a reliable, solid-state PC-less kiosk solution with no fans, hard drives or moving parts. It can also drive multiple slave printers for kitchen order processing and more.

Reliable receipt and label printing

Epson's TM-L90 receipt and label printer offers one- and two-color printing, high reliability, automatic label peeler option, and software for rapid label design.

Backed by the leader

Epson's OmniLink TM-L90-i is backed by our industry-leading service and support programs and includes a one-year limited warranty on the printer and two-year limited warranty on the PC.

Intelligent Printer for Mobile POS and Cloud Services

All the features you need

- Printer with retail-hardened PC
- Ethernet, optional Wireless-N connectivity
- Supports web-based printing from any mobile device
- Add cloud services without need for POS legacy integration
- 4 USB ports for peripherals and video output
- Print speeds up to 1.50mm/second
- Two-color receipt and label printer

Printer

Print method	Thermal line printing
Print resolution	203 x 203 dpi
Print speed	150mm/sec, 5.9"/sec high-speed mode; 120mm/sec, 4.7"/sec normal mode
Print font	
Fonts	9 x 17 / 12 x 24
Column capacity	64/48/72 (columns)
Character size	1.13 x 2.13 / 1.5 x 3.0 / 1.0 x 2.0 (W x H mm)
Character set	95 Alphanumeric, 37 International, 128 x 11 Graphic Traditional/Simple Chinese, Thai, Japanese
Barcode	UPC-A, UPC-E, JAN8 (EAN), Jan13 (EAN), ITF, CODE39, CODE93, CODE128, CODABAR, PDF417, MAXICODE, QRCODE
Characters per inch	22.6 cpi (9 x 17 font)/16.9 cpi (12 x 24 font)
Paper width	38mm (1.50"), 60mm (2.76"), 80mm (3.14")
Paper diameter	90mm (3.5") maximum
Reliability	
MTBF	360,000 hours
MCBF	70,000,000 lines
Autocutter	2 million cuts receipts, 1 million cuts labels

General information

Interface	Ethernet interface (100 Base-TX / 10 Base-T), USB 2.0 Type A (4x), USB 2.0 Micro-AB, VGA x 1 (D-sub 15pin female)
Data buffer	4K or 45 bytes
Power	24 VDC \pm 7%
Power consumption	Approx. 1.7 A (mean)
Power supply	External
D.K.D. function	2 drivers
Overall dimensions	5.5" x 5.8" x 8.0" (140 x 148 x 203 mm) (W x D x H)
Weight	Approx. 4.18 lb (1.9 kg)
Color	Epson Dark Gray (EDG), Epson Cool White (ECW)
Factory options	Autocutter, Near-end sensor
EMI standards	VCCI class A, FCC class A, CE marking, Canada EMI, AS/NZS 3548
Safety standards	UL, CSA, TÜV (EN60950)
Environmental standards	WEEE, RoHS compliant
Operating systems	Windows® 95/98/2000/NT®
Warranty	1-year limited warranty for printer; 2-year limited warranty for PC

Retail-hardened PC

Processor	Intel® Atom™ ARM9 Processor (400MHz)
System memory	256MB
Operating system	Embedded Linux
Interfaces	USB 2.0 x 4, 100 Base-TX / 10 Base-T Ethernet-compliant interface, VGA x 1 (D-sub 15pin female)

Intelligent software

Software	WebPOS Configuration, ePOS-Device®
Simple web server function	HTTP server (Apache)



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SD-DSL90i-B

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