

Epson OmniLink TM-T20II-i

Smart Printer for Mobile POS



- Printer with retail-hardened PC
- Supports printing from virtually any mobile device
- Enables cloud services without need for legacy POS integration
- Offers 2 USB ports and 1 serial port to connect up to 3 peripherals
- Controls peripherals from any mobile device
- Print option features reduce paper usage up to 30%
- Print speed up to 200mm/sec

The OmniLink™ TM-T20II-i smart printer is the ideal mobile solution for smaller retailers. It offers printing from any mobile device, easy access to cloud services and allows multiple peripherals to connect directly through the printer.

Integrated intelligence and performance

Epson's OmniLink TM-T20II-i combines our cost-effective TM-T20II receipt printer with a retail-hardened PC and built-in web server to enable mobile POS deployments, tablet-based POS systems, cloud-based services and control of peripherals. And it provides the application power and flexibility to run a broad range of POS configurations.

Flexible, mobile printing

The OmniLink TM-T20II-i comes with Epson's advanced ePOS technology that enables browser-based printing from virtually any mobile device, with no drivers to install. ePOS technology provides seamless communication between the receipt printer and iOS and Android mobile devices anywhere in the store.

Easy peripheral connectivity and control

The OmniLink TM-T20II-i features Epson's ePOS-Device technology, which allows retailers to easily add peripherals to virtually any POS system. This feature is particularly advantageous with mobile and tablet-based POS. The OmniLink TM-T20II-i comes with two USB ports and one serial port to provide reliable

connectivity for up to three devices including handheld scanners, scales, 2x20 customer displays, wedge MSRs and more. And mobile devices can communicate with any peripheral connected to the OmniLink TM-T20II-i.

Get the benefits of cloud services

With the OmniLink TM-T20II-i, retailers can quickly add powerful cloud services such as data analytics, loyalty programs and smart receipts regardless of their current POS system. Transactional data is sent from the printer to the cloud, where it is parsed and utilized to extract valuable real-time data.

Reliable receipt printing

Epson's TM-T20II offers best-in-class reliability, paper-saving options that reduce usage by up to 30%, print speeds of up to 200mm/second and multiple ease-of-use features.

Backed by the leader

The OmniLink TM-T20II-i is backed by Epson's industry-leading service and support programs and comes with a two-year limited warranty.

All the features you need

- Printer with retail-hardened PC
- Supports printing from virtually any mobile device
- Enables cloud services without need for legacy POS integration
- Offers 2 USB ports and 1 serial port to connect up to 3 peripherals
- Controls peripherals from any mobile device
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Printer

Print method	Thermal line printing
Print speed	Max. 200mm/sec (5.91 in/sec)
Print font	
Font	9 x 17 and 12 x 24 dots/character (W x H)
Column capacity	Standard: Paper width 80mm: 48/64; Paper width 58mm: 35/46 42 Column Mode: Paper width 80mm: 42/60; Paper width 58mm: 42/31
Character size	0.88 x 2.13 and 1.25 x 3 mm (W x H)
Character set	95 Alphanumeric, 18 set International, 128 x 43 Graphic, Barcode: UPC-A, UPC-E, JAN13 (EAN13), JAN8 (EAN), CODE39, ITF, CODABAR (NW-7), CODE93, CODE128, GS1-128, GS1 DataBar, Two-dimensional code: PDF417, QRCode, MaxiCode, 2D GS1 DataBar, Composite Symbology
Characters per inch	22.6 and 16.9 cpi
Paper dimensions	80mm: 3.13" ± 0.02" x 3.27" diameter (79.5 ± 0.5(W) x 83mm) 58mm: 2.26" ± 0.02" x 3.27" diameter (57.5 ± 0.5(W) x 83mm)
Reliability	
MTBF	360,000 hours
MCBF	60,000,000 lines
Autocutter	1.5 million cuts

General information

Processor	ARM9 Processor (400MHz)
System memory	256MB
Operating system	Embedded Linux
Product package	TM-T20II-i comes with the intelligent interface installed
Software	WebPOS Configuration, ePOS-Device
Simple web server function	HTTP server (Apache)
Interface	Ethernet interface (100 Base-TX / 10 Base-T), USB 2.0 Type A (2x), USB 2.0 Type B, Serial x 1 (D-Sub 9 Pin)
Power	100 – 240V AC, 50/60 Hz
Power consumption	Approx. 1.8A
Power supply	External (AC cable included)
D.K.D. function	2 drivers
Overall dimensions	5.51" x 7.83" x 5.75" (140 x 199 x 146 mm) (W x D x H)
Mass	3.75lb (1.7 kg)
Color	Epson Dark Gray (EDG)
Warranty	Two-year limited warranty

What's in the box

OmniLink TM-T20II-i
Thermal roll paper (starter roll for operation check)
Set-up guide
CD ROM (includes User Manual, Technical Manual, drivers)
Roll paper guide
Power switch cover
Wall-hanging bracket with screws
Rubber feet for vertical installation
Switch panel for vertical installation
AC adapter (model: PS-180)
AC cable (depending on areas and models)



Supported devices

Wide range of POS peripherals including cash drawers, handheld scanners, scales, 2x20 customer displays, magnetic stripe readers and more.

Options

Wireless LAN set (OT-WL01) component parts: Wireless LAN unit, extension cable, affixing tape, user's manual
Customer Display (DM-D110) (USB I/F)
Printer affixing tape (DF-10)
Optional external buzzer (OT-BZ20)

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