

OmniLink® TM-T20II-i Intelligent Printer



Intelligent Printer

POS

The intelligent printer for mobile POS and peripherals.

Industry-leading top-load POS printer — open-platform mobility for mobile POS deployments, cloud-based services, online ordering and more

Compatible — supports handheld scanners, scales, 2" x 20" customer displays, wedge magnetic stripe readers and more

Versatile — enables printing from virtually any smartphone or tablet

Peripheral support — 2 USB ports and 1 Serial port for connecting up to 3 devices; easy control of peripherals through ePOS™ device control

Fast — prints up to 200 mm/sec, supports a 3" media width

Paper-saving options — reduce your paper usage by up to 30 percent

Comprehensive service and support — dedicated technical resource team and customized solutions; 2-year limited warranty

Printing

Print Method Thermal line printing
Print Speed 200 mm/sec (5.91 in/sec) max.
Fonts 9 x 17 and 12 x 24 dots/character (W x H)
Column Capacity
Standard
 Paper width 80 mm: 48/64
 Paper width 58 mm: 35/46
42 Column Mode
 Paper width 80 mm: 42/60
 Paper width 58 mm: 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

Media Handling

Media Dimensions
 80 mm: 3.13" ± 0.02" (width) x 3.27" (roll diameter) (79.5 ± 0.5 x 83 mm)
 58 mm: 2.26" ± 0.02" (width) x 3.27" (roll diameter) (57.5 ± 0.5 x 83 mm)

Retail-hardened PC

Processor Intel® Atom™ ARM9 processor (400 MHz)
System Memory 256MB
Operating System Embedded Linux®

General

Interfaces
 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)
Reliability
 MTBF 360,000 hours
 MCBF 60,000,000 lines
 Auto Cutter 1.5 million cuts
D.K.D. Function 2 drivers
Power Consumption Approx. 1.8A
Power 100 – 240V AC, 50/60 Hz
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)
Dimensions 5.51" x 7.83" x 5.75" (140 x 199 x 146 mm) (W x D x H)
Weight 3.75 lb (1.7 kg)
Color Epson Dark Gray (EDG)
Server Systems HTTP server (Apache)

On board Intelligence

Software WebPOS Configuration, ePOS-Device
Standards and Approvals
 EMI standards: FCC/ICES-003 Class A
 Safety standards: UL1950/CSA C22.2 No. 950
Warranty 2-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)

Eco Features

RoHS compliant
 Recyclable product¹
 Epson America, Inc. is a SmartWay® Transport Partner²

Ordering Information

OmniLink TM-T20II-i C31CD52065



¹ For convenient and reasonable recycling options, visit www.epson.com/recycle | ² SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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