Epson OmniLink TM-T88V-DT
Intelligent Printer

Epson's OmniLink™ TM-T88V-DT intelligent printer is the smart choice for retailers looking to implement mobile POS, Web-based POS configurations and kiosk applications all in an ultra-small footprint.

- Retail-hardened PC with printer
- POSReady 7, Windows 7 Pro or Linux OS
- Ethernet, optional Wireless-N connectivity
- Includes multiple USB ports and a built-in VGA for POS peripheral connectivity
- Mobile POS supports web-based printing from any mobile device
- Intel® Atom™ processor supports a variety of thin client or Web POS configurations
- Print options that can reduce paper usage up to 30%

Integrated computing power

The OmniLink TM-T88V-DT is designed to offer retailers maximum POS computing power and configuration flexibility. It includes an retail-hardened PC with a POSReady 7, Windows 7 Pro or Linux operating system powered by an Intel Atom 1.86GHz processor. Optimized for stability and performance, it is all integrated into an ultra-small footprint of an Epson POS receipt printer.

POS configuration flexibility

OmniLink TM-T88V-DT provides the application power and configuration flexibility to support fixed, mobile and hybrid POS applications. With 6 USB ports, it can function as a device hub for your POS system. It also supports thin client and Web-based POS applications and, with its compact footprint, it reduces the need for counter space in checkout lanes.

Powers kiosks and KDS

With its embedded PC with VGA output, the OmniLink TM-T88V-DT can drive kiosk applications and kitchen display systems. And with its Ethernet or optional Wireless-N cards for internet connectivity and PXE boot support, it offers a reliable, retail-hardened kiosk solution.

Flexible, web-based mobile printing

To support mobile POS deployments, the OmniLink TM-T88V-DT features a built-in Web server and Epson's unique ePOS-Print technology that enables browser-based printing from any mobile device, with no drivers to install. The ePOS-Print technology provides seamless communication between the receipt printer and mobile devices anywhere in the store.

Add value with cloud services

Epson's OmniLink TM-T88V-DT helps deliver personalized customer experiences by enabling cloud-based services such as data analytics, loyalty, coupons, rewards and digital receipts.

Reliable receipt printing

Epson's built-in TM-T88V POS printer offers best-in-class reliability, paper-saving features that reduce paper usage by up to 30% and industry-leading energy efficiency.

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EXCEED YOUR VISION

All the features you need

- Retail-hardened PC with printer
- POSReady 7, Windows 7 Pro or Linux OS
- Ethernet, optional Wireless-N connectivity
- Mobile POS supports web-based printing from any mobile device
- Intel Atom processor supports a variety of thin client or Web POS configurations
- Multiple USB ports and built-in VGA for POS peripheral connectivity
- Print options available that reduce paper usage up to 30%

Printer

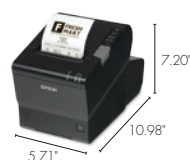|	
Print method	Thermal line printing
Print speed	Max. 11.8"/sec (300mm) graphics and text; 2.4"/sec for ladder and 2D barcodes
Print font	
Fonts	Font A (default): 12 x 24; Font B: 9 x 17 (including 2-dot horizontal spacing)
Column capacity	80mm: 42/56 columns; 58mm model: 30/40 columns
Character size	Font A: 1.41 x 3.39; Font B: 0.99 x 2.40 (W x H mm)
Character set	95 Alphanumeric, 18 International, 128 x 43 Graphic (including user-defined page), Traditional/Simple Chinese, Thai, Japanese, Korean
Barcode	UPC-A/E, CODE 39/93/128, EAN8/13, ITF, CODABAR 2D symbols: PDF417, QR-CODE, MaxiCode, Composite Symbology, GS1-128, GS1 DataBar Omnidirectional/Truncated/Limited/Expanded
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)
Paper thickness	55 – 80 µm
Reliability	
MTBF	360,000 hours
MCBF	70,000,000 lines
Autocutter	2 million cuts

General information

Data buffer	Receive: 45 bytes or 4KB, selectable; user-defined: 12KB; macro: 2KB; NV graphics: 256KB; NV user: 1KB; page mode area: 106K
Power	24 VDC ± 7%
Power consumption	Operating: approx. 1.8 A (mean)
Power supply	External
D.K.D. function	2 drivers
Overall dimensions	5.71" x 10.98" x 7.20" (145 x 279 x 183 mm) (W x D x H)
Mass	7.05 lb (3.2 kg)
Color	Epson Black (EBCK), Epson White (ENN8.5)
Factory options	Autocutter, Near-end sensor
Printer software	Drivers and setup utility are available on CD or at pos.epson.com
EMI standards	FCC/ICES-003 Class A
Safety standards	UL1950/CSA C22.2 No. 950
Warranty	3-year limited warranty

Retail-hardened PC

Processor	Intel® Atom™ Processor (1.86GHz)
System memory	4.0GB (DDR3-1066)
Operating system	Windows® Embedded POSReady 7, Windows 7 Pro, Linux
Interfaces	USB 2.0 x 6, 100 Base-TX / 10 Base-T Ethernet-compliant interface, VGA x 1 (D-sub 15pin female), x 1 DisplayPort, x 1 (3.5mm stereo mini jack) for external speaker output, x 1 for cash drawer, x 1 RS-232

Intelligent software

Software	WebPOS Configuration, ePOS-Device, Preboot Execution Environment (PXE)
Simple web server function	HTTP server (Apache)
Printer Control	Can control printing on up to 20 Ethernet interface or TM series printers equipped with a wireless LAN interface

7.20"

10.98"

5.71"

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