Epson TM-T88V-DT
Intelligent POS Terminal

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

- Retail-hardened Printer with POS Ready Terminal
- Integrated design: No PC or POS terminal needed
- POSReady 7 or Linux OS
- ePOS-Device: Control peripherals from the web
- Includes multiple USB ports & 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
- Cuts costs: Less devices to maintain
- Full resilience: Processor & storage for back-up
- Smart design: Stylish & space saving
- Print speeds up to 300mm/sec

Integrated computing power

The TM-T88V-DT is designed to offer retailers efficient POS computing power & configuration flexibility. It includes an OS terminal POSReady 7 or Linux operating system powered by an Intel Atom 1.8GHz processor. Optimised for stability & performance, the PC is integrated into an ultra-small footprint of an Epson POS receipt printer.

POS configuration flexibility

TM-T88V-DT provides the application power & configuration flexibility to support fixed, mobile & hybrid POS applications. With 6 USB ports, it can function as a device hub for your POS system. POS peripherals such as scanners, magnetic stripe readers, customer displays, scales & EFT (electronic funds transfer) terminals - can be conveniently controlled from the web via the application interface. It also supports thin client & Web-based POS applications &, with its compact footprint, it reduces the need for counter space in checkout lanes.

Powers kiosks & kitchen display systems

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

Flexible, web-based mobile printing

To support mobile POS deployments, the TM-T88V-DT features a built-in Web server & Epson's 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 & mobile devices anywhere in the store.

Add value with cloud services

Epson's TM-T88V-DT helps deliver personalised customer experiences by enabling cloud-based services such as data analytics, loyalty, coupons, rewards & digital receipts.
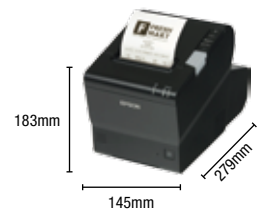
Reliable receipt printing

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

Only from Epson

The TM-T88V-DT features the quality & reliability Epson is known for and is backed by our industry-leading service & support programs.

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Epson TM-T88V-DT

183mm
279mm
145mm

Product Specifications

RETAIL-HARDENED PC	
Processor	Intel® Atom™ Processor (1.86GHz)
System Memory	4.0GB (DDR3-1066)
Operating System	Windows® Embedded POSReady 7 or Linux
Interfaces	Ethernet interface (100 Base-TX / 10 Base-T), USB 2.0 x 6 (x 1 for printer), RS-232, VGA x 1 (D-sub 15pin female), Stereo mini jack audio out, Drawer kick-out

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

PRINTER	
Model Name	TM-T88V-DT
Print Method	Thermal line printing
Print Speed	Max. 300mm/sec graphics and text
Print Font	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 (mm)	Font A : 1.41 mm (W) x 3.39 mm (H) / Font B: 0.99 mm (W) x 2.4 mm (H)
Character Set	95 Alphanumeric, 18set International, 128 × 43 Graphic
Barcode	UPC-A/E, CODE 39/93/128, EAN8/13, ITF, CODABAR 2D symbols: PDF417, QR-CODE, Maxi Code, Composite Symbology, GS1-128, GS1 DataBar Omnidirectional/Truncated/Limited/Expanded
Paper Dimensions (mm)	Roll paper: 79.5 ± 0.5 (W) × dia. 83.0 / 57.5 ± 0.5 (W) × dia. 83.0
Paper Thickness (mm)	0.06 to 0.07
Reliability	MTBF : 360,000 hours (Printer) MCBF : 70,000,000 lines Autocutter Life : 2 million cuts

GENERAL INFORMATION	
Data Buffer	4K bytes / 45 bytes
Power Supply	Dedicated AC-DC supply - In: AC100-240V / Out: DC24V
Power Consumption	Approx. 54W
D.K.D Function	2 Drivers
Overall Dimensions	145 x 279 x 183 mm (W x D x H)
Weight	2.8 kg
Colour	Epson Black (EBCK)
Factory Options	Power supply cover, PS-180 AC adapter, wall-hanging bracket, affixing tape and various interfaces
Printer Software	Drivers and setup utility are available on CD, or at www.download.epson-biz.com
Safety Standards	UL / CSA / EN / TÜV
Warranty	4 year return to base

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Usage Conditions

Epson products are designed and made to give highly reliable use and long life when used according to its specifications. With any system, product or device used in situations where human life may be involved or at risk, Epson advises that you should take all necessary steps to ensure the suitability of your Epson product for inclusion in your system, and recommends that you include fail-safe procedures and redundancy support or backup equipment in your system, to maintain the maximum safety margin and optimum system reliability.