POINT-OF-SALE PRINTER
TM-T88V-DT

EPSON
EXCEED YOUR VISION

THE REVOLUTIONARY AND FUTURE-PROOF POS TERMINAL, HERE TODAY.

Epson TM-T88V-DT is a new generation POS system, designed for running your business on the Cloud. A revolutionary POS terminal, the TM-T88V-DT is capable of supporting a variety of PC POS applications including thin client solutions, web or mobile POS configurations, making it the most ideal solution for migrating your legacy system to a state-of-the-art POS system.

Designed For Cloud | Mobility | Compact | Print | Auto Cutter | Cost Effective

ENGINEERED FOR BUSINESS

Designed for the Cloud
Deliver personalised customer experiences with a host of cloud-services and ensure that secure information is always backed up.

Smart Peripherals Control
Designed for a hassle-free connection, simply plug and play all peripherals with no additional drivers required.

Small Footprint
Save valuable counter space with the embedded retail-hardened PC.

With the benefits of flexible POS functionality, the Epson TM-T88V-DT combines industry-leading POS printing, a cloud-based services platform, peripheral connectivity and PC computing power – all in one compact footprint.

Designed for the Cloud

Transform and enhance your customers' experience. With cloud-based services such as data analytics, loyalty programmes, coupons, rewards and digital receipts, the TM-T88V-DT delivers personalised customer experiences that promise to keep your customers coming back. In addition, information is constantly backed up on a built-in server to ensure uninterrupted operations even when Internet connection is not available.

Smart Peripherals Control

Epson's ePOS-Device allows you to seamlessly connect and control POS peripherals such as scanners, customer displays, cash drawers and magnetic strip readers for immediate use without the need for additional drivers. It can also control printing on up to 20 TM series printers that are equipped with Ethernet or wireless LAN interface.

iPhone

iPad

Android based smart devices

Web server / Store server

TM-T88V-DT

Laptop

Multi-platform support

Barcode scanner

Customer display

Magnetic stripe reader

Cash drawer

Additional Epson TM printer

Small Footprint

With the advantage of PC- and POS terminal-free operations, the TM-T88V-DT operates with a smaller footprint, saving much-needed counter space and enhancing your store's image.

Embrace Mobility

With the added capability of a built-in web server and ePOS Print technology for driverless web-based printing, mobile POS deployments are made easy. Businesses can now enjoy true mobility in operations that delivers a better experience for the customer, taking your customer relationships to a whole new level.

Print from Anywhere

Powerful ePOS Print technology enables seamless communication between the receipt printer and any smart mobile device. Staff can now conduct business activities such as sales transactions, inventory checking and order entry with their tablets, smartphones and other smart mobile devices. They can also wirelessly print receipts or instructions on multiple printers* from any location within the store.

*Up to 20 Epson TM series printers.

Quality Printing at Amazing Speeds

With a maximum printing speed of up to 300mm/sec, TM-T88V-DT allows you to accelerate your Point-of-Sale processes and reduce customer waiting time.

Reliable, Energy-efficient, Environment-friendly Printing

The TM-T88V-DT offers best-in-class printing reliability and a paper-saving feature that helps reduce paper usage by up to 30% to deliver industry-leading energy efficiency. Fewer pieces of equipment mean less power consumption, reducing bills and overall environmental impact.

EPSON
EXCEED YOUR VISION

MODEL NUMBER		TM-T88V-DT
Retail-hardened PC		
CPU		1.86GHz model: Intel® Atom™ N2800 (1 MB Cache, 1.86GHz)
Memory Main Memory		4 GB, DDR3-1066, SO-DIMM slot
BIOS		SPI Flash 4 MB
Chipset		Intel® NM10
Video Controller		Built-in CPU
Auxiliary Storage		SATA SSD (32GB)
Interfaces	Ethernet	10Base-T / 100Base-TX / 1000Base-T 1 Port (RJ-45) / Supports Wake-On-LAN / Network Boot
	USB Type A	USB 2.0 x 6 (supports high / full / low speed)
	Serial	9-pin DSUB male, Max. speed 115,200bps
	VGA	15-pin DSUB female, Max. resolution 1920 x 1200 dots
	DisplayPort	Standard DisplayPort connector 20-pin female, Max. resolution 1600 x 1200 dots
	Drawer	RJ12 6-pin
	Sound Capability	Internal x 1 / External x 1 (Line Output)
RTC / CMOS Backup Battery		RTC is backed up by lithium battery
Speaker		Internal monaural speaker
Printer Software		
BIOS		AMI BIOS (Supports ACPI 2.0 / APM 1.2 / Plug & Play)
Default OS		Windows Embedded POSReady 7
Supported OS		Windows Embedded POSReady 2009 & openSUSE 12.2 (or 11.4)
Device Control Software		ePOS-Device API/XML / ePOS-Print API/XML
ePOS-Device Compatible Web Browser		Internet Explorer 8 or later / Mozilla Firefox 12.0 or later / Google Chrome 21 or later / Safari (iOS 5.0) or later
Pre-installed Software		
Web Browser		Internet Explorer 8 / Mozilla Firefox 13.0
Web Server		Apache / Perl 5.12 / PHP 5.4.5
Printer Driver		Advanced Printer Driver Ver. 4.52E OPOS 2.70E R3 / OPOS for .NET 1.12.3 / JavaPOS 1.13.3 (installer included)
Virualization Client		Citrix Receiver 13.1 / Citrix Offline Plugin 6.0 / Citrix Online Plugin 12.0 (installer included)
DM-D (USB)		Virtual Com Port Driver 2.00 (FTDI 2.8.2.0)
Utility		TM-T88V integrated Utility / Write Filter Utility
Application Environment		Microsoft.NET Framework 2.0 SP2, 3.0 SP1, 3.5 SP1 / Microsoft POS for .NET 1.12
Printer Type		
Print Method		Thermal line printing
Dot Density		180 x 180 dpi
Print Speed		max. 300mm/sec
Paper Dimensions	Width	79 ± 0.5 mm / 57.5 ± 0.5 mm
	Thickness	0.06 - 0.07 mm
	Roll Diameter	max. 83mm
Reliability	Printer Mechanism Life	20 million lines
	Printer MCBF	70 million lines
	MTBF	360,000 hours (main unit) 135,000 hours (controller) 150,000 hours (A/C adapter)
	Auto Cutter Life	Up to 2 million cuts (on approved media[1])
Slave Printer Control		
Supported Printers		TM-T88V / TM-T70 / TM-T90 / TM-L90 (TM-U220 & TM-T88IV from firmware version 3 onwards)
No. of Printers		Up to 20 units (equipped with Ethernet or wireless LAN interface)
General Information		
Power Specifications		AC 100 - 240 V / 50 - 60 Hz
Product Power Consumption		12.2W (when standby) / 54W (when printing)
External Dimensions (D x W x H) (base unit only, with rear cover)		279 x 145 x 183 mm
Case Colour		Black (EBCK)
Mass		Approx. 2.8 kg
Option		
Wireless LAN		OT-WL01 (802.11 b/g/n)
Customer Display		DM-D110DT
Safety Standards		VCCI ClassA / CE Marketing / EMC Directive ClassA / Low Voltage Directive TÜV / UL / FCC ClassA

Note: Windows Embedded POSReady 2009 models do not support hibernation (S4/STD) function.

[1] When using OJI Paper PD150R or PD160R

Dimensions & Weight

Weight: Approx. 2.8kg (6.17lbs)

183mm (7.20")
279mm (10.98")
145mm (5.71")

TM-T88V-DT Interface Board

Options

DM-D110DT Customer Display

OT-WL01 Wireless LAN

Information correct as at November 2013