

# OmniLink® TM-T88VI-DT2 Thermal POS Printer with Integrated PC



Intelligent Printer

POS

## The high-performance all-in-one POS printer with integrated PC.

**All-in-one thermal POS printer** — with integrated high-powered PC

**Supports the latest operating systems** — built-in Windows® 10 or Linux OS

**Compact design** — takes up to 70 percent less countertop space than traditional POS systems<sup>1</sup>

**Intel® processor** — supports a variety of low- and high-powered processor options (Celeron®, i3, i5)

**Storage flexibility** — SSD options (32GB, 64GB, 128GB, 256GB)

**POS-peripherals future-proof connectivity** — built-in USB 3.0 (x6), HDMI® and USB Type C technology in addition to USB 2.0 (x1), Serial, VGA, Audio (x1) and cash drawer port

**Fast receipt printing** — speeds up to 350 mm/sec<sup>2</sup> and high-speed auto cutter

**Advanced paper-saving functions** — reduce paper usage by up to 49 percent<sup>3</sup> with backward-paper feeding and character-height reduction

**Remarkable printer reliability** — 200 km printhead life<sup>4</sup> and auto cutter life of 3 million cuts<sup>4</sup>

# OmniLink TM-T88VI-DT2 Thermal POS Printer with Integrated PC

## Printing

**Print Method** Thermal line printing  
**Print Speed** Max. 13.8"/sec (350 mm)<sup>2</sup> graphics and text, 180 dpi

**Column Capacity**  
80 mm: 42/56 columns  
58 mm model: 30/40 columns

**Character Size**  
Font A: 1.41 mm x 3.39 mm (W x H)  
Font B: 0.99 mm x 2.40 mm (W x H)

**Fonts**  
Font A (default): 12 x 24  
Font B: 9 x 17 (including 2-dot horizontal spacing)

**Character Set** 95 Alphanumeric, 18 International, 128 x 43 Graphic (including user-defined page), Traditional/Simple Chinese, Thai

**Barcode** UPC-A/E, CODE 39/93/128, EAN8/13, ITF, CODABAR 2D symbols: PDF417, QR-CODE, MaxiCode, Composite Symbology, GS1-128, GS1DataBar, Omnidirectional/Truncated/Limited/Expanded

## Paper Handling

**Media Dimensions**  
80 mm: 3.13" ± 0.02" x 3.27" diameter (79.5 mm ± 0.5 mm (W) x 83 mm)

58 mm: 2.26" ± 0.02" x 3.27" diameter (57.5 mm ± 0.5 mm (W) x 83 mm)

**Epson Tested Media** Please see [www.epson.com/testedmedia](http://www.epson.com/testedmedia)  
**Thickness** 48 – 80 µm

## Retail-hardened PC

**System Memory** 4.0GB DDR4-2133, SO-DIMM  
**CPU Processor**

Intel Core i5-7300U 2.60 GHz  
Intel Core i3-7100U 2.40 GHz  
Intel Celeron 3965U 2.20 GHz

**Video Controller** i3 & i5: Intel HD Graphics 610 (built into CPU), Celeron: Intel HD Graphics 620 (built into CPU)

**Auxiliary Storage** SATAIII SSD M.2 type 2242 (32GB or more)

**Device Control Software** ePOS-Device

**Backup Battery** Backup RTC/CMOS by lithium primary battery

**Sound Capability** Internal monaural speaker

## Operating System

Windows 10 IoT Enterprise 2016 LTSB 64bit (Windows model)  
Linux

## General

### Interfaces

USB 3.0 (Type A) x 6, USB 2.0 (Type A) x 1, USB 2.0 (Type C),

Ethernet x 1 (10/100/1000Base-T/TX/T)

VGA x 1 (D-sub 15pin female)

HDMI x 1

Line out x 1 (3.5 mm stereo mini jack) for external speaker output

Cash drawer x 1 (RJ12 6pin)

Serial x 1 (D-sub 9pin male)

### Safety Approvals

EMI standards: FCC/ICES-003 Class A

Safety standards: UL 62368-1:2014, CAN/CSA C22.2

No.62368-1-14

CB certification: IEC 62368-1:2014

## General (continued)

### Reliability

MTBF

Controller: 169,000 hours (excluding SSD, fan and options)<sup>4</sup>

Printer: 360,000 hours<sup>4</sup>

AC adapter: 150,000 hours<sup>4</sup>

MCBF

Printer: 70,000,000 lines<sup>4</sup>

Thermal printhead life: 200 km<sup>4</sup>

Auto cutter life: 3 million cuts<sup>4</sup>

**D.K.D. Function** 2 drivers

**Power Consumption** 8.9 W (when not printing)/

88.3 W (when printing)

**Power Specifications (dedicated AC adapter)** AC100 to 240 V/50 to 60 Hz

**Options** AC adapter, Printer affixing tape: DF-10, Customer displays: DM-D110 (part numbers: A61B133113, A61B133133), DM-D30 (part number: A61CF26111)

**Dimensions** 5.71" x 10.98" x 7.20" (145 mm x 279 mm x 183 mm)

(W x D x H) inclusive of connector cover

**Weight** 6.17 lb (2.8 kg)

**Color** Epson Black (EBCK)

**Warranty** 3-year limited warranty in the U.S. and Canada

## What's in the Box

OmniLink TM-T88VI-DT2 printer, Start Here guide, roll paper guide, roll paper, recovery DVD (for Windows model), manual CD, power switch cover, AC cable (depending on model), connector cover, AC adapter, T1

## Eco Features

RoHS compliant

Recyclable product<sup>6</sup>

Epson America, Inc. is a SmartWay<sup>®</sup> Transport Partner<sup>6</sup>

## Ordering Information

Please contact your sales representative for ordering information.

1 Based on W x D x H dimensions of POS systems; Toshiba Sure POS 500 models; Toshiba TCx models 360/370/380/740/780; Dell Optiplex 9020 – (MT). | 2 Speed based on using 80 mm wide media only. | 3 Paper savings depend on the text and graphics printed on the receipt. | 4 Rated printhead and cutter lives are only estimates based on normal use of the printer with the following media only, with printer operated at room temperature and normal humidity: Model KT55FA: Papierfabrik August Koehler SE; Model PD160R: Oji Imaging Media Co., Ltd.; Model TF50KS-Y: NIPPON Paper Industries Co., Ltd. Epson's statements about reliability levels are not warranties of the media or Epson's printers, and the only warranties for printers are the limited warranty statements for each printer. See [www.epson.com/testedmedia](http://www.epson.com/testedmedia) for more information on Tested Media. | 5 For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | 6 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

See the latest innovations from Epson Business Solutions at [www.epson.com/forbusiness](http://www.epson.com/forbusiness)

Better Products for a Better Future<sup>®</sup>  
[eco.epson.com](http://eco.epson.com)



Epson America, Inc.  
3840 Kilroy Airport Way, Long Beach, CA 90806

Epson Canada Limited  
185 Renfrew Drive, Markham, Ontario L3R 6G3

[www.epson.com](http://www.epson.com)  
[www.epson.ca](http://www.epson.ca)

Contact:

Specifications and terms are subject to change without notice. EPSON is a registered trademark, EPSON Exceed Your Vision is a registered logomark and Better Products for a Better Future is a trademark of Seiko Epson Corporation. OmniLink is a registered trademark of Epson America, Inc. Windows is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries. SmartWay is a registered trademark of the U.S. Environmental Protection Agency. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. Copyright 2020 Epson America, Inc. Com-SS-Oct-13 CPD-58136R1 1/20