EPSON®

EXCEED YOUR VISION

OmniLink® TM-T70II-DT2 Thermal POS Printer with Integrated PC

High-performance front-facing 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[1]

Convenient, front-facing controls — plus front receipt printing and paper loading

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 250 mm/sec[2]

Advanced paper-saving functions — reduce paper usage by up to 30 percent[3]

OmniLink TM-T70II-DT2 Thermal POS Printer with Integrated PC

Printing

Print Method Thermal line printing

Print Speed Max. 9.84"/sec (250 mm)[2] graphics and text, 180 dpi

Column Capacity
80 mm: 42/56 columns

Character Size
Font A: 1.25 mm x 3.00 mm (W x H)
Font B: 0.88 mm x 2.13 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 (H) ± 0.5 mm (W) x 83 mm)

Epson Tested Media Please see www.epson.com/testedmedia

Thickness 55 – 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)[4]
Printer: 360,000 hours[4]
AC adapter: 150,000 hours[4]
MCBF
Printer: 65,000,000 lines[4]
Thermal printhead life: 120 km[4]
Auto cutter life: 1.7 million cuts[4]

D.K.D. Function 2 drivers

Power Consumption 9.1 W (when not printing)/ 78.9 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 6.77" x 11.42" x 4.49" (172 mm x 290 mm x 114 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-T70II-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), AC adapter, T1

Eco Features

RoHS compliant
Recyclable product[5]
Epson America, Inc. is a SmartWay® Transport Partner[6]

Ordering Information

Please contact your sales representative for ordering information.

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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** Epson's statements about reliability levels are only estimates based on normal use of the printer using tested media only. See www.epson.com/testedmedia for more information on Tested Media. These reliability statements are not warranties of the media or Epson's printers, and the only warranties for printers are the limited warranty statements for each printer. | **5** For convenient and reasonable recycling options, visit 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.

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Getting There With Cleaner Air

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