

# TM-S2000II/OmniLink® TM-T70II-DT2

## Networkable Multifunction Teller Device



Intelligent Printer/Teller Device

POS

## Ethernet-enabled intelligent printer with compact multifunction teller device.

**Multifunction device combined with front-loading thermal printer** — supports check scanning, ID card scanning and inkjet printing; features an MSR, plus receipt printing with paper-saving features

**LCD status updates** — quick, easy access to function or maintenance status

**Best warranty in its class** — dedicated technical resource team; customized solutions; 2-year limited warranty (TM-S2000II), 3-year limited warranty (TM-T70II-DT2)

**Thermal printer with retail-hardened PC** — built-in Windows® 10 or Linux operating systems; multiple storage options

**Intel® processor** — designed for use in Virtual Desktop Infrastructures (VDI) as a thin client

**Customizable** — supports multiple applications and drivers used for network applications

**Fastest scan speeds in its class** — scans up to 225 dpm

**Built-in inkjet printer** — up to 16 lines of printing for cashier's checks, slip sheets, endorsements and marketing graphics

**2-sided ID card scanning** — easily capture color ID cards

**Powerful productivity** — 100-check document feeder (TM-S2000II); fast receipt printing of up to 250 mm/sec<sup>1</sup> (TM-T70II-DT2)

**TM-S2000II Specifications**

**Line Inkjet Printer**

**Print Method** Line ink, 360 nozzles  
**Print Resolution** 180 x 180 dpi  
**Print Font** Font A (default): 12 x 24/Font B: 9 x 17  
**Reliability** MTBF 180,000 hours  
**Head Life** 6 billion shots/nozzle<sup>2</sup>

**Document Scanner**

**Throughput** Up to 225 dpm (documents per minute)  
**Speed** Paper feeding up to 1,000 mm/sec  
**Area** 106 x 235 mm  
**Resolution** 100 dpi, 120 dpi, 200 dpi, 240 dpi interpolated, 300 dpi optical  
**Method** CIS (Contact Image Sensor)  
**Mode** 24-bit Color, 8-bit Grayscale, Bi-tonal  
**Capacity** Auto-input feeder of 100 items; exit pocket of 100 items; optional second pocket of 50 items  
**MICR** E13B and CMC7  
**Data Compression** CCITT Group 4, JPEG  
**Data Transmission Format** TIFF, JPEG, JTIFF, BMP (Windows bitmap), Raster (Raw) OCR OCR-A, OCR-B and 1D Barcode  
**Rated Life** 2 million items  
**MCBF** 4,940,000 cycles  
**MTBF** 180,000 hours

**ID Card Scanner**

**Throughput** 1 at a time; multiple feeding is not available  
**Speed Card Feeding** 118 mm/sec (600 dpi color)  
**Area** ISO/IEC 7810 card  
**Resolution** 300 dpi, 600 dpi  
**Method** CIS (Contact Image Sensor)  
**Mode** 24-bit Color, 8-bit Grayscale  
**Capacity** 1 ID

**Operating Systems**

Windows 10, Windows 8/8.1, Windows 7, Windows Vista®, Windows XP, Windows XP Embedded, Windows Embedded POSReady 2009, Windows Embedded Standard 7, Windows Embedded POSReady 7, Windows Server® 2008/2008R2, Windows Server 2012/2012R2, Windows Server 2016

**General Information**

**Factory Options** USB hub 2 ports, USB specification 2.0  
**Second Pocket Maximum** 50 items  
**Single-pocket Size** 206 mm x 263.8 mm x 142 mm (H x D x W) (8.11" x 10.39" x 5.59")  
**Two-pocket Size** 206 mm x 298.8 mm x 167 mm (H x D x W) (8.11" x 11.76" x 6.58")  
**Power** PS-180, 24 VDC; there is only one power supply for the scanner and printer  
**Weight**  
 1-pocket model: 3.8 kg (8.38 lb)  
 2-pocket model: 4.1 kg (9.04 lb)  
**Case Color** Epson® Black  
**Environmental Standards** WEEE, RoHS compliant  
**Warranty** 2-year limited warranty  
**Country of Origin** China

**TM-S2000II Specifications Continued**

**Packaging Specifications**

Single Box Dimensions (L x W x H): 15.75" x 9.85" x 11.4"/ 400 mm x 250 mm x 290 mm (weight = 5.5 kg)

**What's in the Box**

TM-S2000II printer, USB cable, dedicated ink cartridge (SJC18(K)) x 2, AC cable, AC adapter [PS-180 (Model: M159B)], Setup Guide, cut-sheet paper (starter cut-sheet paper for operation check)

**OmniLink TM-T70II-DT2 Specifications**

**Printing**

**Print Method** Thermal line printing  
**Print Speed** Max. 9.84"/sec (250 mm)<sup>1</sup> 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 ± 0.5 (W) x 83 mm)  
**Epson Tested Media** Please see [www.epson.com/testedmedia](http://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), Intel HD Graphics 620 (built into CPU)  
**Auxiliary Storage** SATAIII SSD M.2 type 2242 (32GB or more)  
**Device Control Software** ePOSTM™ 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

**Reliability<sup>3</sup>**

MTBF  
 Controller: 169,000 hours (excluding SSD, fan, and options)<sup>3</sup>  
 Printer: 360,000 hours<sup>3</sup>  
 AC adapter: 150,000 hours<sup>3</sup>  
 MCBF  
 Printer: 65,000,000 lines<sup>3</sup>  
 Thermal printhead life: 120 km<sup>3</sup>  
 Auto cutter life: 1.7 million cuts<sup>3</sup>

**Power Consumption** 9.1 W (when not printing) / 78.9 W (when printing)

**Power Specifications (dedicated AC adapter)** AC 100 to 240 V / 50 to 60 Hz

**Options** AC adapter, T1, 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, 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<sup>4</sup>  
 Epson America, Inc. is a SmartWay® Transport Partner<sup>5</sup>

**Ordering Information**

Please contact your sales representative for ordering information.

<sup>1</sup> Speed based on using 80 mm wide media only. | <sup>2</sup> Shots are the number of electric pulses for the printhead. | <sup>3</sup> 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](http://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. | <sup>4</sup> For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | <sup>5</sup> 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™  
[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)

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 and ePOS is a trademark of Epson America, Inc. Windows, Windows Server and Windows Vista are either registered trademarks or trademarks 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 2019 Epson America, Inc. Com-SS-Oct-13 CPD-58575 12/19

