EPSON®

SPECIFICATION SHEET

TM-S2000II/OmniLink™
TM-T70II-DT2

Networkable Multifunction Teller Device



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 for printed endorsement

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

Optional 3-track magnetic stripe reader — collect information from bank and ID cards

Built-in cashier's check printing — print area up to 2"

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[2]

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
D.K.D. 2 drawers

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

Magnetic Stripe Reader (Factory Option)

Recognition Method Two-frequency coherent phase (F2F)
Magnetic Format ISO 7811-6, AAMVA
Scanner Life 200,000 passes
Recognition Rate 99.5% or more on ISO-IEC7810 compliant cards
Swipe Direction Bi-directional
Operating Power USB-B when connected via USB

Operating Systems

Windows 11, 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

Factory Options USB hub 2 ports, USB specification 2.0
Second Pocket Maximum of 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")

TM-S2000II Specifications (continued)

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
One-pocket model: 3.8 kg (8.38 lb)
Two-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

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 Included

TM-S2000II printer, USB cable, dedicated ink cartridge [(SJIC18(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)[1] 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 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)

OmniLink TM-T70II-DT2 Specifications (contin-

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 15-pin female)
HDMI® x 1
Line out x 1 (3.5 mm stereo mini jack) for external speaker output
Cash drawer x 1 (RJ12 6-pin)
Serial x 1 (D-sub 9-pin 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[3]
MTBF
Controller: 169,000 hours (excluding SSD, fan, and options)[3]
Printer: 360,000 hours[3]
AC adapter: 150,000 hours[3]
MCBF
Printer: 65,000,000 lines[3]
Thermal printhead life: 120 km[3]
Auto cutter life: 1.7 million cuts[3]
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 Included

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
End-of-life options available[4]
Epson America, Inc. is a SmartWay® Transport Partner[5]

Ordering Information

Please contact your sales representative for ordering information.

⚠ **WARNING:** The paper roll shipped together with this product can expose you to chemicals, including Bisphenol A and Bisphenol S, which are known to the State of California to cause birth defects or other reproductive harm. ***Wash hands after handling.***

For more information, go to P65Warnings.ca.gov

1 Speed based on using 80 mm wide media only. | **2** Shots are the number of electric pulses for the printhead. | **3** Epson's statements about reliability levels are only estimates based on normal use of the printer using tested media only. See 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. | **4** For convenient and reasonable recycling options, visit epson.com/recycle | **5** 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 **epson.com/forbusiness**

SmartWay Transport Partner
Getting There With Cleaner Air

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