Epson TM-S9000II-NW Network Multifunction Teller Device



Multifunction check and ID scanner with thermal receipt printer and optional magnetic stripe reader (MSR).

Network-enabled multifunction device — includes Web API for use with thin- or zero-client deployments, no PC required

2-sided ID scanner and optional 3-track magnetic stripe reader — easily captures color or black-and-white ID cards in 600 dpi and three tracks of information from magnetic stripes

Built-in thermal receipt printer — prints at 11.8" per second (300 mm/sec) on 3" media; includes paper-saving functions

Versatile connectivity — able to switch between Ethernet and high-speed USB for future-proofing and deployment flexibility

Fastest scan speeds in its class[1] — scans up to 225 dpm (USB) and 200 dpm (network) with standard onboard compression and 100-check document feeder

Bright LCD display — provides visual access to updates on maintenance status for simplified user experience

API compatibility — connects with existing APIs for simplified integration

World-class service and support — 2-year limited warranty; Epson Preferred Plus™ Extended Service Plan options available for up to a total of 5 years of continuous coverage[2]

Remote monitoring capability via Web interface — manage and monitor your device fleet from your laptop or smart device with Epson Device Admin

Device memory for data storage — backs up information in the event of a network disruption

EPSON®

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Thermal Printer

Print Method Direct thermal
Print Speed Up to 300 mm/sec (11.8"/sec)
Print Resolution 180 x 180 dpi
Print Font Font A (default): 12 x 24/Font B: 9 x 17
Paper Size Roll paper diameter: 83 mm (3.27") maximum
Paper Width 79.5 ± 0.5 mm (3.13" ± 0.02")
Reliability[3]
MTBF: 360,000 hours
MCBF: 96,000,000 lines
Auto Cutter: 2 million cuts

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[3] MTBF 180,000 hours
Head Life 6 billion shots/nozzle[4]

Document Scanner

Throughput Up to 200 documents per minute (dpm) networked, up to 225 dpm USB
Speed Paper feeding: up to 1,000 mm/sec
Area 106 mm x 235 mm
Resolution 100 dpi, 120 dpi, 200 dpi, 240 dpi interpolated, 300 dpi optical
Method CIS (Contact Image Sensor)
Modes 24-bit color, 8-bit grayscale, bi-tonal
Capacity Auto-input feeder of 100 items; exit pocket of 100 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 200 dpi interpolated, 300 dpi, 600 dpi optical
Method CIS (Contact Image Sensor)
Modes 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, supplied via main unit when connected to the network

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 Information

Factory Option
Ethernet, USB 2 ports, USB-A and USB-B specification 2.0
Single-Pocket Size
237 mm x 264 mm x 250 mm (H x D x W)
[9.3" x 10.39" x 9.84"]
Power
AC cable and AC adapter V; there is only one power supply for the scanner and printer
Weight
One-pocket model: 6.1 kg (13.45 lb)
Case Color Epson Black
Environmental Standards WEEE, RoHS compliant
Country of Origin China

Ethernet Interface

Interface USB connection (API compatibility ensured with TM-S9000II) Network connection (Epson Web API is equipped by standard)
Ethernet Connector Type: RJ45 connector
Physical Communication 10BASE-T, 100BASE-TX, 1000BASE-T, High-Speed USB (USB 2.0) and Ethernet (Wi-Fi® can be used with optional OT-WL06); Port9100 support (controllable over the network from conventional printing applications)

Storage

Image Data
2,000 images (color, 300 dpi, JPEG)
ID Card Scanning
200 cards (color, 300 dpi, JPEG)

Warranty

2-year limited warranty, with optional extended service plans available

Epson Preferred Plus Extended Service Plans[2]

1-Year Return for Repair	ECTMB-I
2-Year Return for Repair	ECTMB-II
3-Year Return for Repair	ECTMB-III
1-Year SITA Coverage	SITAS29-1
2-Year SITA Coverage	SITAS29-2
3-Year SITA Coverage	SITAS29-3
4-Year SITA Coverage	SITAS29-4
5-Year SITA Coverage	SITAS29-5

Packaging Specifications

Single Box Dimensions (L x W x H)
15.9" x 15" x 15.31"/404 mm x 381 mm x 389 mm

What's Included

TM-S9000II-NW Series device, thermal roll paper (starter roll for operation check), USB cable, dedicated ink cartridge [SJIC18(K)] x 2, AC cable, AC adapter [PS-180 (Model: M159E)], cut-sheet paper (starter cut-sheet paper for operation check)

Eco Features

RoHS compliant
End-of-life options available[5]
Epson America, Inc. is a SmartWay® Transport Partner[6]

Ordering Information[7]

Scanner, 200/225 Single Pocket	A41CK43031
Scanner, 200/225 Single Pocket, MSR	A41CK43021

⚠ **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 Versus comparable network multifunction teller devices as of November 2025. | **2** Product comes with a limited warranty with the option to purchase extended service plans for up to a total of 5 years of continuous coverage. Extended service plans must be purchased within 90 days of hardware purchase. See individual service plan for details. | **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** Shots are the number of electric pulses for the printhead. | **5** For convenient and reasonable recycling options, visit 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. | **7** Contact your Epson representative for additional models.

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SmartWay Transport Partner
Getting There With Cleaner Air

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