

# TR54

## RUGGED AND MODULAR TABLET DESIGNED FOR ENTERPRISE MOBILITY

### Enterprise-Grade Performance & Power

The TR54 is engineered to meet the demanding requirements of frontline operations. It runs on Android 15 and is upgradeable to Android 18, ensuring long-term software support and access to the latest enterprise features. With 8GB RAM and 128GB UFS storage, the TR54 delivers smooth multitasking and high-speed performance for intensive enterprise applications. The high-performance processor enables seamless execution of real-time data capture, inspection, and asset tracking tasks. 8,000mAh hot-swappable battery minimizes downtime during shift changes in logistics, manufacturing, and field service environments.

### Advanced Connectivity for Every Environment

To support uninterrupted workflows, the TR54 is equipped with Wi-Fi 6E, Bluetooth 5.2, and optional LTE connectivity. These technologies enable fast, stable wireless communication across various environments—from indoor facilities such as hospitals and warehouses to remote or mobile job sites—ensuring real-time access to systems and data.

### Flexible Scanning & Input Options

Designed to accommodate a variety of workflows, the TR54 offers optional 2D scanners with straight or 45° downward angles, enhancing usability and scanning efficiency in different operational setups. Its glove-compatible touchscreen allows for smooth input even in industrial or clinical environments, supporting rapid barcode scanning and data entry in fast-paced settings.



### Built Tough with Enterprise Versatility

Built for durability, the TR54 is IP65-rated for water and dust resistance and tested to withstand drops, vibration, and daily wear in harsh environments. A comprehensive lineup of accessories—including hand straps, docking stations, expansion modules, and vehicle mounts—ensures seamless integration into workflows across industries such as healthcare, warehousing, retail, and utilities.

### Versatile In-Display NFC for Customer Engagement

The TR54 features integrated in-display NFC technology, empowering enterprises to deploy a wide range of customer-facing applications—from contactless SoftPOS tap-to-pay and secure badge authentication to loyalty program interactions. This built-in capability streamlines transactions and access control, delivering a frictionless experience across retail, hospitality, healthcare, and field operations.

#### Basic Package

- 1 x Terminal
- 1 x Power adaptor
- 1 x USB-C cable
- 1 x Power plugs (EU type)
- 1 x LCD protect film

#### Accessories (Optional)

- Boot case with rotating hand strap
- Single slot charging cradle
- 5-slot charging cradle
- Shoulder strap
- Stylus pen
- 2 x Hand grips



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# TR54

## PERFORMANCE CHARACTERISTICS

<b>Main processor</b>	Octa-core @ 2.2 GHz
<b>Operating system</b>	
Google Android (GMS)	Android 15 FOTA (Firmware Over The Air) update
<b>Memory and storage</b>	
RAM / FLASH	8 GB / 128 GB (UFS)
micro SD	Supports up to 1 TB using ExFAT file system
SIM	1 x nano SIM, 1 x eSIM
<b>Sensor</b>	Proximity, Light ambient, Accelerometer, Gyro, Digital compass

## PHYSICAL CHARACTERISTICS

<b>Dimensions</b>	272.9 x 175.2 x 11.7 mm * 10.7 x 6.9 x 0.5 in. *
<b>Display</b>	10.95" (1920 x 1200 pixels), IPS Daylight readable (typical 500 nits at max.) LED backlight Wideviewing angle
<b>Power</b>	
Main battery	8,000 mAh, Removable, Hard-pack
Back-up battery	100 mAh, 3.7 V, 10C (Hot swap)
Adapter	PD 3.0 AC Input: 100~240 V, 50~60 Hz DC Output: 20 W
<b>Keys &amp; Buttons</b>	Volume ±, Power, Two scan buttons (scanner SKU)
<b>Voice &amp; Audio</b>	2 x microphone 2 x speaker (Smart PA, 1W)
<b>Connectors</b>	
Docking station	6 pins
Rear POGO	8 pins (on the battery compartment)
USB type-C port	2
<b>Notification</b>	2 x dual LED (Power: R/G, Warning: R/B)

## GLOBAL NAVIGATION SATELLITE SYSTEM

WLAN SKU	No GNSS
WWAN SKU	GNSS receiver fo GPS, GLONASS, Galileo and Beidou

## WIRELESS

<b>Wireless WAN (optional)</b>	
LTE	B1/2/3/4/5/7/8/12/13/17/19/20/25/26/28 38/40/41
3G	B1/2/4/5/6/8/19
<b>Wireless LAN</b>	
Radio	IEEE 802.11 a/b/g/n/ac/ax/d/h/i/k/r/v, Wi-Fi 6E, Wi-Fi Direct, Hot spot support
Data rates	6 GHz: 802.11 ax: Up to 867 Mbps 5 GHz: 802.11 a/n/ac/ax: Up to 867 Mbps 2.4 GHz: 802.11 b/g/n/ax: Up to 143 Mbps
Operating channels	1 to 13 (2412~2472 MHz) 36 to 165 (5180~5825 MHz) 1 to 233 (5955~7115 MHz)

Channel bandwidth	20, 40, 80, 160 MHz
Security and encryption	WEP / WPA / WPA2 / WEP, RC4 Algorithm / TKIP, RC4 Algorithm / AES, Rijndael Algorithm, EAP-FAST / EAP-TLS / EAP-TTLS / PEAP-GTC / PEAP-MSCHAPv2 / WPA3 Personal / WPA3 Enterprise / Enhanced Open (OWE)
Fast roam	802.11 r

## Wireless PAN

Bluetooth	Bluetooth Class 1, Ver. 5.2, BLE support
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## DATA CAPTURE

<b>Integrated scan engine (optional)</b>	
Scan engine (optional)	Supporting 1D/2D symbologies
Scan engine mount angle	0° or 45° (optional)

## Camera

Front	8 MP, Fixed focus, F2.0
Rear	13 MP PDAF, LED flash, F2.0

## NFC

Reader (PCD)	NFC Forum tag types 2 to 5 ISO/IEC 14443A / 14443 B / 15693 Mifare Classic 1K/4K DESFire Mifare UltraLight Sony FeliCa
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## USER ENVIRONMENT

<b>Operating temperature</b>	-20 °C to 50 °C or 55 °C ** -4 °F to 122 °F or 131 °F **
<b>Storage temperature</b>	-40 °C to 70 °C -40 °F to 158 °F
<b>Humidity</b>	95% non-condensing
<b>Drop</b>	MIL-STD-810H 1.2 m (4 ft.) to concrete and 1.55 m (5.1 ft.) to concrete with rugged boot, across the temperature range from -20 °C to 50 °C (-4 °F to 122 °F)
<b>Mini drops</b>	1,000 times from 0.2 m to wooden floor
<b>Rain/dust proof (sealing)</b>	IP65
<b>Electrostatic discharge</b>	± 15 kV air discharge ± 8 kV contact discharge

## REGULATORY APPROVALS AND COMPLIANCE

RCM, CE, CB, UKCA, KC, FCC, NRCAN, NBTC, WEEE, REACH, RoHS, Telec, Jate

## ENTERPRISE SOLUTION

**PMDM**  
Simple yet powerful management solution

PMDM (Point Mobile MDM) is a mobile device management solution for managing and monitoring your Point Mobile Android devices.

Centralized management of enterprise devices is vital for better

productivity. You should provide a device configuration so that the workers can concentrate on their work with the device, and reduce device downtime by enabling predictive maintenance for battery replacement.



**EmKiosk**  
Enterprise Management Tool

Makes it easy to create single-purpose devices. You can improve workforce productivity and control user's access boundaries – Restricts device usage to authorized applications only, ensuring controlled access.

## PULS – ANDROID UPDATE & SECURITY

PULS is a Point Mobile's lifetime solution, which provides the Android-based Point Mobile enterprise devices with security patches for up to three years after a product launch.



**PULS**  
Patches, Updates & Lifetime Support

Stay up-to-date with the latest security updates for up to 3 years. Conveniently update your devices in the field by FOTA.

For further information, please visit [www.pointmobile.com](http://www.pointmobile.com) or contact your regional sales representative.

## WARRANTY

Subject to the Terms and Conditions, TR54 carries 1 (one) year-warranty period from the date of purchase against the defective materials and manufacturing defects.

For further inquiries, please leave your message here: <https://pointmobile.com/en/contact/inquiry.php>.

## ACCESSORIES (optional)

Boot case with rotating hand strap, Single slot charging cradle, 5-slot charging cradle, Shoulder strap, Stylus pen, 2 x hand grips

\* Listed dimensions only apply to the no-scanner SKU configuration.  
\*\* Maximum operating temperature varies by SKU.