

Mobile Computers

# TC605 Sales Kit

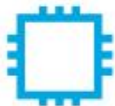


**NEW** Mobile Computers

# TC605

## Maximum Flexibility and Device Longevity

CPU



QCM4490

Display



6" FHD

Sealing



IP65 &amp; IP68

OS



Android 13

(Upgradable to Android 18)

Scanner

Long Range /  
Short Range

(Selectable)

Scanning Angle



0° / 60°

(Selectable)

Long Product Life  
Support up to 2030iMozen SEK™  
Software Support

- 5G / Wi-Fi 6E Industrial PDA for the Next Generation
- Design for Both Rugged and Beautiful Outlooks

## Excellent Efficiency, Further Upgraded

The performance of TC605 is further upgraded; with the inclusion of the Qualcomm® QCM4490 industrial CPU and 6GB/128GB large capacity memory; it also supports Wi-Fi 6E and the upgraded Bluetooth 5.2 technology, significantly increasing transmission speeds and reducing latency, providing users with more stable and secure data transmission experiences, and optimizing your operation processes.



**5G**

CPU

**QCM4490**

WWAN / WLAN

**5G / Wi-Fi 6E**

Memory

**6GB / 128GB**

Bluetooth

**BT 5.2**

## Unparalleled Visual Enjoyment

TC605 features a 6" FHD 18:9 screen, offering a wide field of view that makes multitasking a breeze, enhancing work efficiency. In addition, the screen's outdoor visibility exceeds 600 nits to help users comfortably use the device outdoors for tasks like viewing documents and recording data, without being affected by sunlight.

Display

**6" FHD 18:9**

Panel

**Gorilla® Glass**

Outdoor visual brightness

**>600 nits**



## Extremely Robust , Upgraded Protection

TC605 features an unexpectedly lightweight and robust design, with IP65 & IP68 ratings and 1.8m drop resistance. It stands as the optimal choice, balancing lightweight portability and sturdy performance.

Drop Resistance

**1.8m**

Sealing

**IP65 & IP68**



## Upgraded Battery Capacity, Powerful Endurance

TC605 has a 5000mAh large-capacity battery, and SWAP for battery replacement is supported as well as fast charging with USB PD and QC3 functionality.

Uninterrupted and reliable performance is assured and you can do your regular work with peace of mind.

Large Capacity Battery

**5000mAh**





## Excellent Panel Coating for Unhindered Touch Operation

Special screen treatment technology is used to respond to environments with water stains and oil stains; it also supports glove mode operations to ensure your touch controls run smoothly. No matter how harsh the working environment is, you can easily perform operations, improving work efficiency.

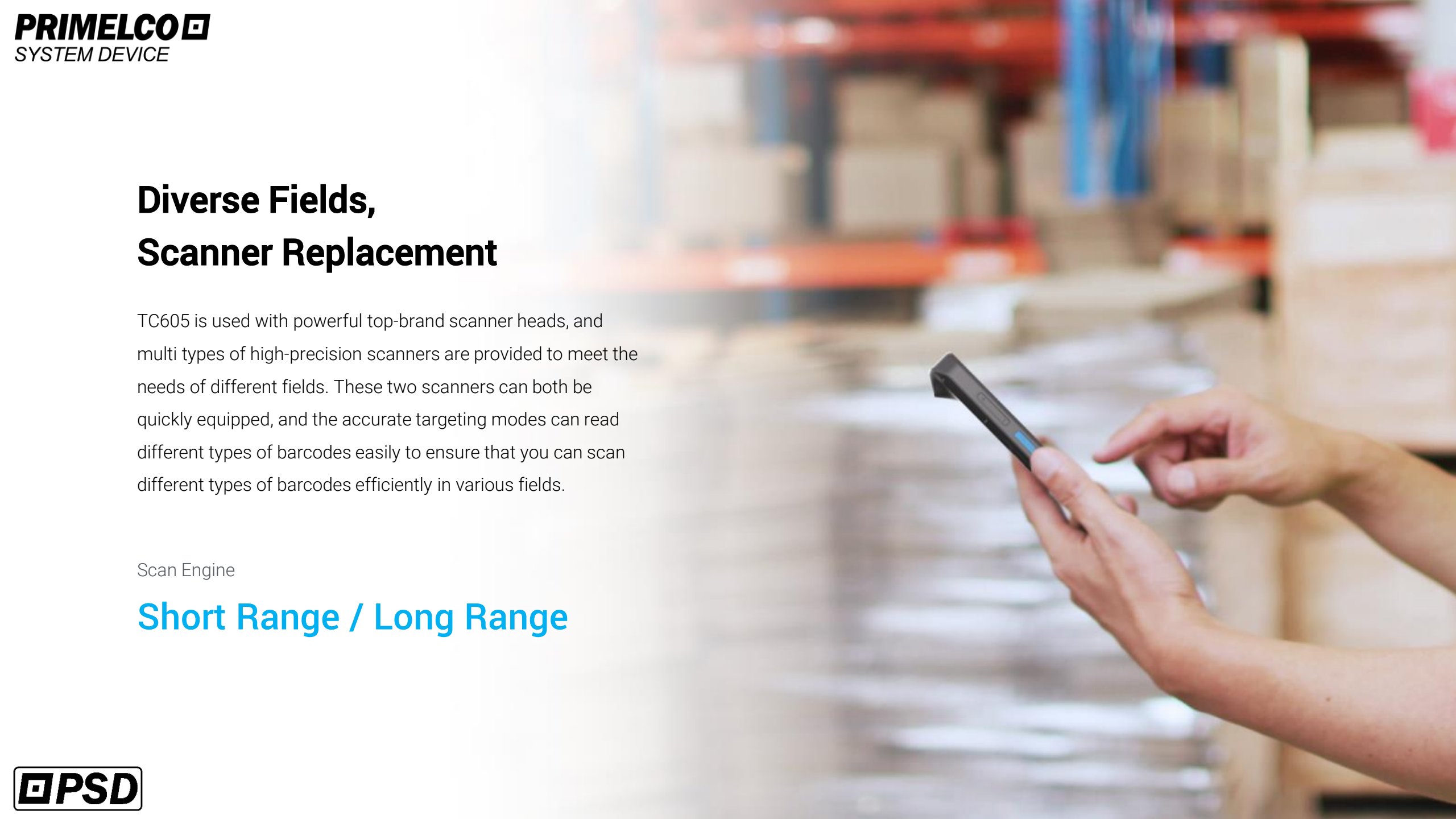
## Flexible Scanning, Dual Angle Selection

Quick and accurate scan modes are provided to read different types of barcodes easily; it is suitable for workplaces with the need for different types of product barcodes. The scanner is also equipped with 0-degree and 60-degree inclination angle configurations, allowing customers to flexibly choose the suitable scanner angle head as needed, and creating outstanding usage experiences for various application scenarios.

Scan Angle

**0° / 60°**





## Diverse Fields, Scanner Replacement

TC605 is used with powerful top-brand scanner heads, and multi types of high-precision scanners are provided to meet the needs of different fields. These two scanners can both be quickly equipped, and the accurate targeting modes can read different types of barcodes easily to ensure that you can scan different types of barcodes efficiently in various fields.

Scan Engine

**Short Range / Long Range**



## Easy and Intuitive Operating System

TC605 adopted the Android operating system to provide quick and intuitive user interfaces; it is also equipped with the widely familiar GMS system to realize optimal work performances. The operating system is Android 13, and update plans are also provided; it will support versions 14, 16 and 18 in the future, and is also compatible with AER and EMM to ensure you can achieve maximum work performance.

Operating System

**Android 13 & GMS**

( upgradeable to Android 18 )

# EMM/MDM Solution



*Free to Mix and Match*

## The Brand New Multi-Slot Cradle

TC605's multi-slot cradle allows users to choose a flexible combination of charging cradles. A main charging cradle, single-slot battery charging cradle, and 4-slot battery charging cradle can be combined to provide users with a most suitable combination. For example, the main charging cradle can be extended to accommodate up to five units, and a 4-slot charging cradle can be combined with four main charging cradles. It is also possible to combine a single charging cradle and a single-slot battery charging cradle. Such flexibility allows a much more convenient user experience. In addition, the charging cradle can still be used after slot replacement. This versatility promotes continuity, commonality, and environmental sustainability and will help customers reduce product procurement costs.



Main Charging Cradle



Single-Slot Battery  
Charging Cradle



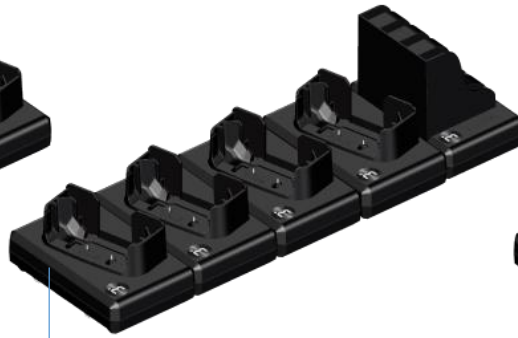
4-Slot Battery  
Charging Cradle

*Free to Mix and Match*

## The Brand New Multi-Slot Cradle



Main Charging Cradle \*5



Main Charging Cradle \*4 +  
4-Slot Battery Charging Cradle\*1



Main Charging Cradle \*2 +  
Single-Slot Battery Charging  
Cradle\*2

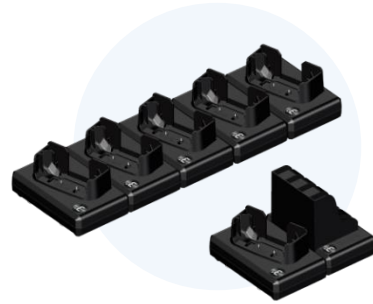


Main Charging Cradle \*1 +  
4-Slot Battery Charging  
Cradle\*1



Main Charging Cradle \*1 +  
Single-Slot Battery  
Charging Cradle\*1

# Accessories Overview



Multi-Slot Cradle



Screen Protector



Protective Boot



Pistol Grip



Spare Battery



Hand Strap



Shoulder Strap



Charging Cable



Power Adapter

# Accessories Overview – Physical Keypad



JP Layout

- ✓ Large Buttons
- ✓ 4.1" Display



EU Layout

- ✓ Large Buttons
- ✓ 4.1" Display



Function-First

- ✓ Large Screens
- ✓ 4.7" Display



Number-First

- ✓ Large Screens
- ✓ 4.7" Display

And More.....

(Continuous development tailored to customer needs.)

# TC605 Specification

| Item                         | Specification                                                                                  |
|------------------------------|------------------------------------------------------------------------------------------------|
| <b>Display Specification</b> |                                                                                                |
| Size                         | 6.0"                                                                                           |
| Resolution                   | 1080 x 2160                                                                                    |
| Brightness                   | 600 nits                                                                                       |
| Touch                        | P-Cap Touch with Gorilla <sup>®</sup> Glass 7                                                  |
| <b>System Specification</b>  |                                                                                                |
| Processor                    | Qualcomm <sup>®</sup> QCM4490, 2.4GHz Octa Core                                                |
| Operating System             | Android 14 with GMS (upgradeable to Android 18)                                                |
| System Memory                | 6GB                                                                                            |
| Storage                      | 128GB                                                                                          |
| <b>I/O Connectors</b>        |                                                                                                |
| Downside I/O                 | 1 x USB 3.1 (Type-C) support USB OTG & PD3.0                                                   |
| Audio                        | Speaker x 1, Receiver x 1, Built-in Mic x 1                                                    |
| Expansion Slot               | 1 x Micro SD Card slot<br>2 x Nano SIM slot                                                    |
| POGO Pin                     | 8 x POGO Pin for extension + 2 x POGO Pin for charging                                         |
| Keys and Buttons             | Virtual key x 3<br>Scan key x 2, Volume key x 2, Power key,<br>Function key (programmable)     |
| <b>Data Capture</b>          |                                                                                                |
| Front Camera                 | 8MP                                                                                            |
| Rear Camera                  | 16MP                                                                                           |
| Scanner                      | Support 1D/2D<br>Selectable for Long range / Short range<br>Selectable for 0° / 60° Scan angle |
| NFC                          | Comply with ISO14443-4 (Type A, Type B), ISO15693,<br>MIFARE, FeliCa (ISO/IEC18092)            |

| Item                        | Specification                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mechanical &amp; Env</b> |                                                                                                                                                                                                                                                                                                                                                                        |
| Dimension                   | 167.7 x 78.9 x 15.8 mm                                                                                                                                                                                                                                                                                                                                                 |
| Weight                      | 280g                                                                                                                                                                                                                                                                                                                                                                   |
| IP Proof                    | IP65 / IP68                                                                                                                                                                                                                                                                                                                                                            |
| Operating Humidity          | 5-95% RH non-condensing)                                                                                                                                                                                                                                                                                                                                               |
| Operating Temp              | -10 deg C. to 50 deg C.                                                                                                                                                                                                                                                                                                                                                |
| Drop                        | 1.8 meter drop                                                                                                                                                                                                                                                                                                                                                         |
| Tumble Spec                 | 0.5m tumbles for 500 cycles and 1000 drops                                                                                                                                                                                                                                                                                                                             |
| ESD                         | ±8KV direct discharge, ±15KV air discharge                                                                                                                                                                                                                                                                                                                             |
| Certification               | CE, CB, FCC, NCC, BSMI(Wi-Fi), UKCA, TELEC, VCCI, JATE,<br>BQB, RCM                                                                                                                                                                                                                                                                                                    |
| <b>Power Management</b>     |                                                                                                                                                                                                                                                                                                                                                                        |
| Battery                     | 3.8V 5000mAh Li-Poly Hot-swappable Battery                                                                                                                                                                                                                                                                                                                             |
| Adapter                     | 9V/2A 18W PD Adapter with USB Type-C                                                                                                                                                                                                                                                                                                                                   |
| <b>Communication</b>        |                                                                                                                                                                                                                                                                                                                                                                        |
| WWAN                        | 5G:<br>FDD bands: n1, n2, n3, n5, n7, n8, n12, n20, n25, n28, n66<br>TDD bands: n38, n40, n41, n48, n77, n78, n79<br>4G:<br>FDD bands: B1, B2(25), B3, B4(66), B5, B7, B8, B12, B17, B18,<br>B19, B20, B26, B28<br>TDD bands: B38, B39, B40, B41, B42, B43, B48<br>3G: B1, B2, B4, B5, B6, B8, B19<br>2G: 850, 900, 1800, 1900<br>Support DSDS (Dual SIM Dual Standby) |
| WLAN                        | 802.11a/b/g/n/d/h/i/k/r/ac/ax/v/mc<br>2.4GHz, 5GHz, 6GHz                                                                                                                                                                                                                                                                                                               |
| Bluetooth                   | 5.2                                                                                                                                                                                                                                                                                                                                                                    |
| GNSS                        | GPS, GLONASS, Beidou, Galileo, QZSS, SBAS                                                                                                                                                                                                                                                                                                                              |

# Certification List

| Region                  | Mandatory item                  | TC605 5G | TC605 WiFi |
|-------------------------|---------------------------------|----------|------------|
| 認證單位                    |                                 | Eurofins | Eurofins   |
| US                      | FCC                             | V        | V          |
| China                   | CTA(CCC,SRRC,MII)               |          |            |
| Taiwan                  | NCC                             | V        | V          |
|                         | BSMI                            |          | V          |
| Europe                  | CE                              | V        | V          |
|                         | DoC                             | V        | V          |
| UK                      | UKCA ( UK Conformity Assessed ) | V        | V          |
|                         | DoC                             | V        | V          |
| India                   | BIS,WPC,TEC                     |          |            |
| Japan                   | JRF_TELEC                       | V        | V          |
|                         | JPA_JATE                        | V        | V          |
|                         | VCCI                            | V        | V          |
| Australian/ New Zealand | RCM/ACMA                        | V        | V          |
| Korea                   | KC                              |          |            |
| Thailand                | 泰國認證                            | V        | V          |
| Green                   | WEEE                            | V        | V          |
|                         | RoHS                            | V        | V          |
|                         | REACH                           | V        | V          |
|                         | BQB                             | V        | V          |
|                         | WiFi Logo                       |          |            |
| 電池認證                    | PSE                             | V        | V          |
| 電池出貨鑒定書                 |                                 | V        | V          |
|                         | GMS                             | V        | V          |
|                         | MTBF                            | V        | V          |
|                         | SOTI                            | V        | V          |
|                         | WIFI compatibility test         | V        | V          |