Industrial PC
HPC-MT6765-101
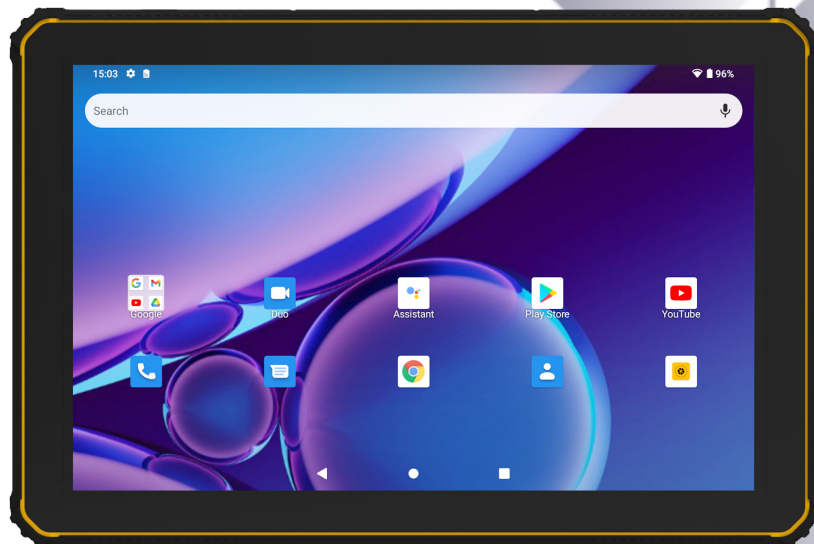
PN: HPC-MT6765-101

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HPC-MT6765-101

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IPC
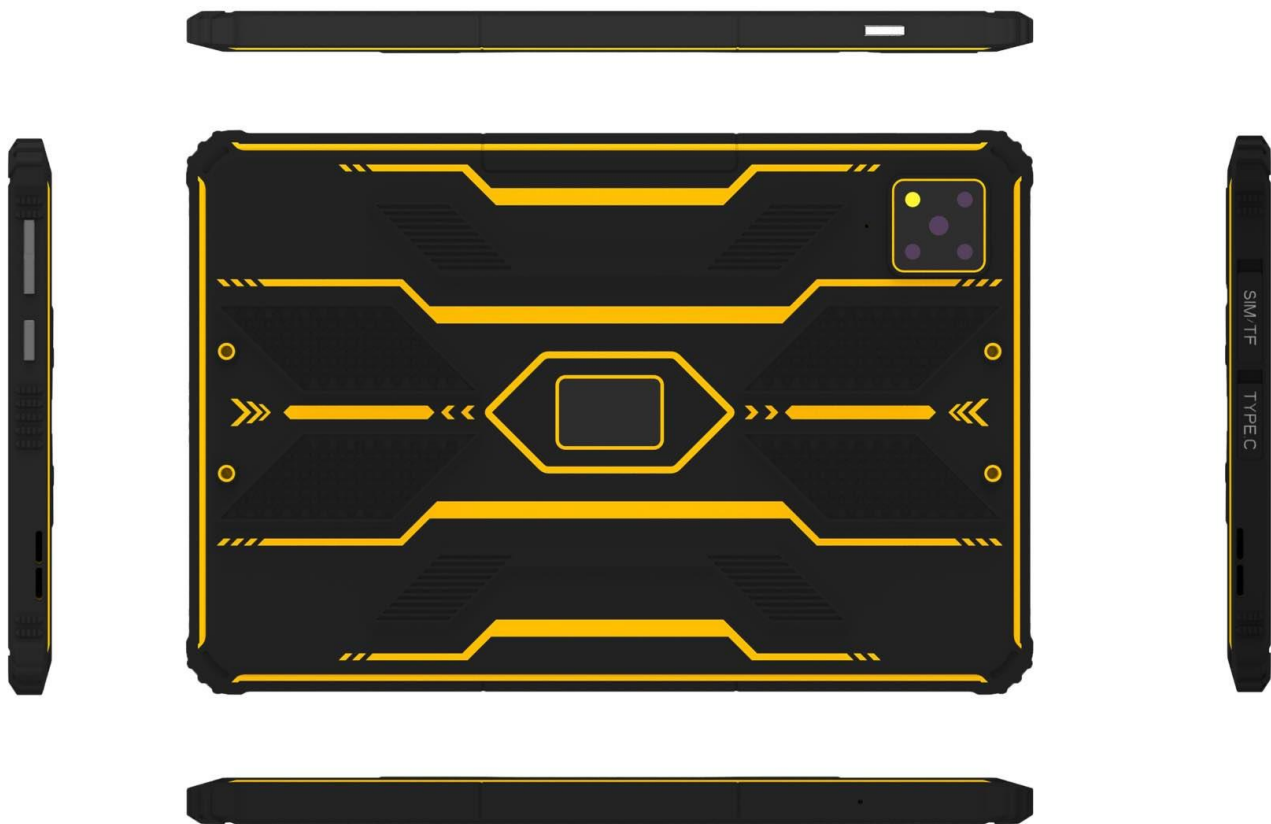
Side View 2

Overview

The HPC-MT6765-101 Handheld Tablet PC is an 10.1 inch rugged tablet PC, it's waterproof, dustproof, suitable for outdoor operation scenarios, especially in warehousing, supermarkets, medicare, retail and other fields.

The device supports 1D/2D barcode scanner, it takes advantage of GPRS, 4G, WiFi, Bluetooth and other wireless communication channels to transmit data at a high speed efficiently. This portable handheld tablet complies with IP-65 protection level, it can be used in harsh environments.

This tablet PC adopts a 1200 x 1920 capacitive 10 point touch screen, it supports Android 11, Android 13, Android 14 operating system. It is easy to use, meets various needs, responsive and efficient.

Ordering Options

Chipsee products can be customized during the ordering process. The product will be shipped with the pre-installed factory defaults if no extra requirements are specified. The table in the Hardware Specification section provides information about the default options bundled with the product.

> ✏️ **Note**
>
> You can order the HPC-MT6765-101 from the official Chipsee Store or from your nearest distributor.

Standard Accessories

- 1 x 5V/3A Charger.

- 1 x Packaging Box

Optional Modules

The HPC-MT6765-101 **does not** include the following module by default:

1. **Barcode Scanner**.

Dimension

The dimension of HPC-MT6765-101 is 234 x 144 x 16.8 mm.

Hardware Specification

Product	HPC-MT6765-101
CPU	MTK MT6765 Octa Core 2.3GHz(4 x Cortex-A53 @ 1.8GHz, 4 x Cortext-A53 @ 2.3GHz)
GPU	IMG PowerVR GE8320
RAM/Storage	4GB+64GB
LCD	10.1 inch, 1200 x 1920, TFT, 350nits(TYP) 400nits(MAX)
Touch	10-point touch, supports stylus
Camera	13MP Main Rear Camera, 5MP Front Camera
Audio	40 x 22.59 x 3.1mm, 8.0Ω 1W speaker
Microphone	Sensitivity: -42dB, Output Impedance: 2.2kΩ
USB	1 x USB Type C
Charging	DC 5V/3A USB Type-C
Battery	3.8V, 38.0Wh, Li-ion Polymer Battery, 19+ Usage Time (50% Volume, 60% Brightness, 1080P Video Playback), 5H charging time
Buttons	Volume V+, V-, Power, "SOS"(SOS is configured to scan button if the device has a scanner)
SIM Slot	1 x SIM Slot
TF Slot	1 x TF Slot
GSM/GPRS/ EDGE	850/900/1800/1900 (B5/B8/B3/B2)
WCDMA	850/900/1900/2100 (B5/B8/B2/B1)
4G/LTE	FDD-LTE: B1/B3/B4/B5/B7/B8/B20; TDD-LTE: B38/B39/B40/B41
WiFi	802.11 a/b/g/n/ac wireless AP; 2.4G/5G mobile AP
Bluetooth	BT5.0
GPS	Support for GPS/BeiDou/GLONASS
NFC	Support for 13.56MHz NFC, distance 1-3cm, ISO/IEC 14443 A/B ISO/IEC 15693
Barcode Scanner	Support for integrated scanner **(optional NLS-N1)**
Sensors	G-sensor; magnetic sensor, gyroscope
OS	Android 11, Android 13, Android 14
Language	Multi Language
Operating Temp.	From -20°C to +55°C
Storage Temp.	From -30°C to +60°C

Product	HPC-MT6765-101
Waterproof	IP65
Dropping Proof	1.2m
Dimensions	252.0 x 168.0 x 13.8mm
Weight	800±50g
Accessories	5V/3A Charger, USB Type-C Cable

Table 490 Key Features

While Using the Device

USB

Do not short circuit the ports with metal, it might damage the circuits inside the device.

Cleaning

Please use dry, soft cloth when cleaning. Do not use chemical solvent, or the color might fade and the case might deformate.

Case and Panel

Volatiles might damage the case and screen, and might cause malfunction, do not pour those to the case or panel. Also do not put rubber or PVC on the device, long time contact with these materials might damage the device.

Before Moving the Device

Unplug the power cord and cables when carrying the device. After using the device, detach the cables from the ports if there is any.

When Not Using the Device

If the device will not be used for a long time, avoid draining the battery, maintain the battery at a proper interval. The battery performance will degrade when it's at low level for a long time, it will also take longer to charge the battery. If you find it only takes very short time to charge the battery to full, and the device lasts only a short time while you use it, please replace the old battery with a new one.

Faults

When the device emits strange or suspicious noise, smell, or smoke, if possible, power off the device and unplug the power cable immediately, and contact us as soon as possible.

Others

1. Fully charge the battery the first and every time you use it is recommended.
2. If an abnormality occurs in the device, please turn off the device immediately, then reboot it.

3. Avoid exposure to direct strong sunlight or heat, they might affect the internal circuit and the case.

4. Condensation might occur when environment temperature changes rapidly. In this case, wait an hour before using the device, to allow it to adapt to the new environment.

5. Strong electromagnetic fields affect the device's internal circuit, and may cause malfunctions. For example, when transmitting data between the device and a mobile phone, keep the mobile phone at least 1 meter away from the device, because phone generated electromagnetic waves may interfere with communications.

Safety

Please take care of the following aspects when you use this device:

1. Follow the regulations when the device is used in the hospitals.

2. Keep the device and accessories out of children's reach.

3. Put the batteries in e-waste bins if the old batteries are to be recycled.

4. Do not paint the device, because paints affect the peripherals of the device.

5. Keep the device away from precision instruments.

6. Do not use harsh chemicals, harsh detergents or caustic cleaners to clean the device. When cleaning the device, wipe gently with normal soap water.

7. Do not store or use the device and its accessories in unsuitable high temperature, low temperature, high humidity or very dusty environments.

8. Keep the battery safe, avoid strong shakes or collisions.

9. Keep the device dry. Rain, moisture and various liquids may contain minerals that can corrode the circuits

10. Keep the device away from magnetic devices such as magnetic cards and floppy disks. Do not put the device, batteries and chargers in electromagnetic fields such as induction cooktops and microwave ovens.

11. Please do not put the device in a high temperature area, as high temperature may shorten the lifespan of electronic devices, damage batteries, and cause plastic parts to deform or melt.

12. Do not keep the device in a cold location because when you move the device from a low temperature location to a normal temperature location, moisture generates inside the device, it can damage the circuit boards.

13. Please use original standard batteries, chargers and other accessories. We will not be responsible if you use third party accessories.

14. Only appointed professionals are allowed to disassemble the device, do not disassemble it by yourself. If the device needs repairing, return the device to us, or contact a professional to repair.

15. Charge the battery to full capacity before it's used for the first time.

16. Take care of the UIM card, avoid scratching or bending.

17. Use the genuine accessories of the device.

18. The device has a built-in antenna, it has radiation like any other mobile devices. Do not get too close to the antenna, take care of your own safety.

19. If the wireless signal is poor, go to the coverage area to take advantage of the wireless communication features.

20. Screen performance might change due to significant temperature changes and long time usage.

Trouble Shooting

If below **situations** occur, please follow the instructions to fix the issues. Contact a professional if none of these help.

- **Device Does Not Turn On**

    a. *(Not pressing the power button correctly)* Hold the power button for at least 2 seconds.

    b. *(Insufficient power)* Charge the battery.

- **Some Applications Do Not Launch**

    a. *(Insufficient storage)* Delete unnecessary media and apps, delete downloaded contents.

- **Short Standby Time**

    a. *(Battery performance degradation)* Replace the battery with a new one.

    b. *(Playing games or music)* Restrict gaming and music playing activities.

- **Charging**

    a. *(Bad contact)* Check or replace the power cable and plug.

    b. *(Low battery label)* Charge for 30 minutes(charging indicator often does not display), unplug, then plug in the power cable to charge again.

    c. *(Battery faults)* Replace the battery with a new one.

    d. *(Charger faults)* Use a proper charger or repair the charger.

    e. *(Using a wrong charger model)* Use a proper charger.

- **Device Turns Off Automatically**

    a. *(Insufficient power)* Charge the battery.

    b. *(Settings related)* Check if the device is set to power off automatically intentionally.

    c. *(External interference)* Reboot.

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