

TABLET COMPUTER

DP10A

USER'S GUIDE



Revision History

Revision	Date	Changes	Author
1.0.0	2025/0X/XX	Initial Release	Annabelle Wu

Notice



Important:

- *Please read the entire User's Guide before using the tablet.*
- *Please pay more attention when you see these notices:*
 - **Warning:** *Failure to follow instruction may cause in personal injury or death.*
 - **Caution:** *Failure to follow instruction may cause damage to tablet or equipment.*
 - **Note:** *It reminds the user of certain instructions.*

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FCC (Federal Communications Commission) Regulatory Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

FCC 47 CFR Part 15 Subpart B

FCC 47 CFR Part 15 Subpart C

FCC 47 CFR Part 15 Subpart E

FCC§2.1093 (SAR)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to workstation or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 3.25 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Transmitters in the 5.925-7.125 GHz band are prohibited from operating to control or communicate with unmanned aircraft systems.

EU Declaration of Conformity



The device is hereby confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to the Electromagnetic Compatibility Directive (2014/30/EU), Radio Equipment Directive (2014/53/EU), and Low Voltage Directive (2014/35/EU), if used for its intended use and that the following standards have been applied:

1. Safety

Applied Standard(s):

EN 62368-1: 2020+A11:2020

2. Health

Applied Standard(s):

EN 50566: 2017

3. Radio Frequency Spectrum Usage

Applied Standard(s):

EN 300 328 V2.2.2 (2019-07)

EN 301 893 V2.1.1 (2017-05)

EN 303 413 V1.2.1 (2021-04)

4. Electromagnetic Compatibility Directive

Applied Standard(s):

EN 55032: 2015+A11:2020 Class B

EN 61000-3-2: 2019+A1:2021 Class D

EN 61000-3-3: 2013+A1:2019

EN 55035: 2017+A11:2020

ETSI EN 301 489-1 V2.2.3 (2019-11)

ETSI EN 301 489-17 V3.2.4 (2020-09)

ETSI EN 301 489-19 V2.2.1 (2022-09)



The device is hereby confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility Directive 2016, Radio Equipment Directive 2017, and UKCA-Electrical Equipment (Safety) Regulation 2016, if used for its intended use and that the following standards have been applied:

1. Safety

Applied Standard(s):

BS EN 62368-1: 2020+A11:2020

2. Health

Applied Standard(s):

BS EN 50566: 2017

3. Radio Frequency Spectrum Usage

Applied Standard(s):

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ETSI EN 301 489-19 V2.2.1 (2022-09)



The device is hereby confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility Directive 2015, Radio Equipment Directive 2017, and RCM(C-tick)-Electrical Equipment (Safety) Regulation 2018, if used for its intended use and that the following standards have been applied:

1. Safety

Applied Standard(s):

AS/NZS 62368-1:2018

2. Health

Applied Standard(s):

AS/NZS 2772.2:2016 A1(SAR)

3. Radio Frequency Spectrum Usage

Applied Standard(s):

AS/NZS 4268:2017 A1:2021

4. Electromagnetic Compatibility Directive

Applied Standard(s):

AS/NZS CISPR 32 2015 / A1 : 2020

Power Safety



Warning:

- To avoid injury, read **Power Safety** and **Battery Precautions** before using the tablet.
- Before any upgrade procedures, make sure to turn off the power and disconnect all cables (including telephone lines). Also, it is recommended that you remove the battery to prevent accidentally turning on the tablet.

There are specific power requirements for your device:

- Only use an approved AC Adapter designed for this tablet.
- There is a 3-prong grounded plug for the AC Adapter. The 3rd prong is an important mechanism for ensuring product safety. Please do not neglect the importance of this mechanism. If you are unable to access a compatible electrical outlet, please hire a qualified electrician for the outlet installation.
- When unplugging the AC power cord, please make sure to disconnect the cord by pulling from the plug head instead of pulling the cable to prevent wire damage.
- Make sure the power outlet and any other extension cord(s) you use can support the total current load of all the connected devices.
- Before cleaning the tablet, please make sure it is disconnected from any external power source.

Battery Precautions

- Only use batteries designed for this tablet. Using incompatible battery types may cause explosion, leakage, or damage to the tablet.
- Do not continuously use a battery that has been dropped, or that appears damaged (e.g., bent or twisted) in any way. Even if the tablet is able to continuously work with a damaged battery, the circuit damage may occur and possibly cause a fire.
- Always use the charger designed for this tablet to recharge the battery. Incorrect recharging may cause the battery to explode.
- Do not attempt to service a battery by yourself. For battery service or replacement, please contact your service representatives.
- Please dispose of the damaged battery promptly and carefully. Explosion or leakage may occur, if the battery is exposed to fire, improperly handled, or discarded.

Note:

- *For safety purpose, charging/discharging will stop if the internal temperature of the battery is out of range ($<10^{\circ}\text{C}$; $>45^{\circ}\text{C}$). Please note that charging/discharging could have stopped before the ambient temperature reaching these boundaries because the internal temperature of the battery does not equal to the ambient temperature.*

Water Resistance

The device has a standard rating of IP65 under IEC standard 60529 (Spray and water splash from maximum distance of 3 meter up to 3 min) and was tested under controlled laboratory conditions. Although it has excellent protection, please do not use it as a diving equipment. Splash, water, and dust resistance are not permanent conditions when using the product continuously in extreme environments and resistance might decrease as a result of normal wear. Also, please do not disassemble any part of your tablet as it might damage the resistance ability of your tablet.

Note

➤ IP65 is tested without I/O caps.

已設定格式: 字型: (英文)Arial, (中文) SimSun, (中文) 簡體中文 (中國大陸)

格式化: 格線被設定時, 不要調整右側縮排, 行距: 1.5 倍行高, 項目符號 + 階層: 1 + 對齊: 0 公分 + 定位點之後: 0.85 公分 + 縮排: 0.85 公分, 段落遺留字串控制, 斷字

Environmental Information, Material Safety & Recycling

All materials used in the manufacturing of this tablet are recyclable or environmentally friendly. Please recycle the packing materials in accordance with local regulations at the end of the product's service life.

Notice:

- The tablet may contain an insignificant amount of hazardous substances to health and the environment below the control level.
- To avoid releasing such substances into the ecosystem and to minimize the pressure on the natural environment, reuse or recycle most of the materials in a safe way after the product's service life is encouraged.
- For more information on the collection, reuse and recycle of materials, please consult local or regional waste administrations. You can also contact your dealer for more information on the environmental details of the tablet.
- The crossed-out wheeled bin symbol indicates that the product (electrical and electronic equipment) should not be treated as a municipal waste. Please refer to local regulations for the disposal instructions.



Note:

- *This product contains battery. At the end of the product's service life, the tablet and battery should be disposed separately from household waste. The disposal should be in accordance with the local environmental laws and guidelines.*

Specifications

Chapter 1– Specifications

Specifications

Items	Descriptions
Operation System	– Android™ 12
Processor	– MEDIATEK i350 (MT8365) – ARM Cortex-A53 Quad Core 2.0 GHz
Graphic	– Built-In Display Controller: Mali-G52 MC1
Display	– 8" (1920 x 1200) LCD – Optical Bonding – Capacitive Multi-Touch Screen – Brightness ¹ : 1000nits Optional: – Resistive Multi-Touch Screen Type ² – Invisible Mode On/Off
Memory	– 4GB LPDDR4 RAM – 128 GB ROM (eMMC)
Audio	– Mono Speaker – Embedded Digital Mic
Camera	– Front camera 5MP x 1 (FF Type, f: 60cm) – Rear camera 13MP x 1 (FF Type, f: 40cm)
Sensor	– Magnetic – Accelerometer – Gyro – Proximity – Light
Buttons/ Function Keys	– Power – Volume Up/ Down – Back/ Home/ Menu
LED Indicators	– Charging/Fully charged (Orange/Off)
Security	– Built-in Security: ARM® TrustZone®
Case	– CNC milled Aluminum and Engineering Plastic
Color	– Black
Environmental Specifications	– Operating Temperature: -20°C ³ ~ +60°C ⁴ – Storage Temperature: -40°C ~ +70°C
Dimensions⁵	– 240 x 139 x 21 mm (with bumpers)
Weight⁵	– Approximately 765g

Power	
Battery^{6,7}	– Battery Pack BDPA1A: – Li-Ion 3.7V/4250mAh
Input Power	– Fast Charging via Type-C – 7.5W~27W, 100~240VAC, 50/60Hz – Support BC1.2 (5V/1.5A)/ PD (9V/3A)

Wireless & Communications	
WLAN/Bluetooth^{8/9}	– Built-in Module: MTK6631 – IEEE 802.11 a/b/g/n/ac
GNSS	– Bluetooth® 5.2 – GPS/Glonass/Beidou/Galileo/QZSS

I/O Interfaces	
Bottom	– 12-pin Docking POGO Connector ⁹ x 1
Right	– USB 2.0 OTG Type-C x 1 – USB 2.0 Type-A x 1 – HDMI® Micro Connector ⁹ x 1
Rear	– Battery slot x 1 – Micro SD Card Slot ¹⁰ x 1

Accessories	
Protection Film	– Available
AC Adapter	– Rugged 60W USB-C AC Adapter – 60W, 100V-240V 50/60Hz

Certifications	
Certifications	– CE/FCC/UKCA/RCM – WEEE – REACH – POPs – RoHS – IP65 – MIL-STD-810H (1.5m drop test)

已註解 [AW1]: 是否 upgrade 1000nits

¹Varies from display configurations.

²Stylus pen available with Resistive Touch Screen.

³Instant Cold Boot via AC Mode with battery pack installed.

⁴via AC Mode with battery pack installed.

⁵Varies from configurations and optional accessories

⁶Must install battery pack to power on.

⁷Hot-swappable.

⁸Support signals of USB 2.0, DC-in.

⁹As specified in HDMI1.4b.

¹⁰Support SD/SDXC for up to 256GB

