

RUGGED TABLET

DP10A



Built for Precision



- Powered by the MediaTek i350 Processor with Android™ 12, delivering reliable performance for real-time operations.
- The 8" high-resolution display with high brightness for brilliant readability.
- Equipped with a capacitive touchscreen that supports glove and rain modes for smooth operation.
- Offers flexible connectivity with multiple connectors and high-speed wireless connections for seamless data access.
- Features a hot-swappable battery that extends usage time and ensures uninterrupted productivity.
- Designed to meet MIL-STD-810H and IP65 standards, enabling durability in extreme and challenging environments.
- Upgradable with an optional MIL-STD-461G (Ground Navy) EMC solution for advanced reliability.



Version: 1.0.1

- Specifications subject to change without notice.
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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: 40cm) – 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) – Bridge Battery: Low Battery (Red)
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®/ GNSS	– Built-in Module: MTK6631 – IEEE 802.11 a/b/g/n/ac – Bluetooth® 5.2 – GPS/Glonass/Beidou/Galileo/QZSS
I/O Interfaces	
Top	Optional: – Invisible Mode Switch
Bottom	– 12-pin Docking POGO Connector ⁸ 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) – MIL-STD-461G (Ground Navy) ¹¹

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 HDMI 1.4b.

¹⁰Support SD/SDXC for up to 256GB.

¹¹Contact your sales representative for more details.

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