



Mobile RFID

C10 TABLET



PRODUCT DESCRIPTION

The powerful C10 Tablet is a true revolution in rugged tablet computing. The 10.1 inch tablet help drive efficiency and productivity in ways that were never previously possible. It was especially designed for Industry 4.0 and IoT Applications in demanding environments.

Capable of capture, extract, and analyze data in extrem and remote environments with its IP67 housing and a operating time of up to 12 hours*, the iDTRONIC handheld computer is perfectly suitable for field applications such as aviation, public safety, construction, field sales and the maintenance sector. The Android™ 12 „Snow Cone“ - powered C10 Tablet operates on a high performance ARM 8-core 2.0GHz 64-bit Octa-core processor with 6 GB RAM / 128 GB ROM memory.

A variety of tablet configurations with different Barcode & RFID modules are available. Users can select between a fully integrated UHF (865 - 868 MHz ETSI / 920 - 925 MHz FCC), 13.56 MHz HF | NFC or 125 / 134,2 kHz LF reader. On the other side it can be combined with an 2D Barcode imager which allows easy inventory control and reporting. Thanks to the built-in 13 megapixel rear camera with Auto-focus lens + LED flash and a 5 megapixel front camera, damage reporting in the maintenance area never have been easier.

The C10 Tablet from iDTRONIC offers connectivity wherever you need it. It features the latest network communication technology including, WLAN, WWAN, GNSS and Bluetooth. Beside the hardware, the C10 product family offers an extensive range of documentation, accessories and warranty extensions that support your business applications in the best way.

* battery power varies per product, duration and application

APPLICATIONS

- Construction Field Sales
- Logistics Applications
- Stock Management
- Public Safety
- Retail

FEATURES

- 10.000 mAh Battery*
- Android™ 12 “Snow Cone“
- WLAN | WWAN | Bluetooth Vo-LTE, GNSS
- 10.1“ Gorilla Glass Touchscreen
- 13 MP Rear | 5 MP Front Camera
- Autofocus with LED Flash
- IP67 Protection Class
- 1.5m Drop-proof
- Fast 1D/2D Barcode Reader
- Wriststrap for mobile use

RFID OPTIONS

- UHF
- HF (ISO 14443A/B, ISO 15693)
- NFC (NFC-IP1, NFC-IP2)
- LF

TECHNICAL DATA

ELECTRICAL SPECIFICATIONS

Battery	10000mAh rechargeable lithium polymer battery (removeable) Standby > 500h (Only with the host battery installed) Working time > 12h (It depends on usage and network environment) Charger time 3h
Interface	USB 2.0 Type-A * 1
Fingerprint Reader	Ministry of Public Security certified fingerprint/ FBI certified fingerprint module
RAM ROM	6GB RAM + 128GB ROM
Memory	6GB, Optional 8GB
Storage	128 GB
PSAM	PSAM1 1x
RJ45	100 mb/s transfer rate speed
HDMI port	HDMI 1x
POGO Pin	9pins Pogo Pin 1x
Sensor	G-sensor, Vibrating motor
Reading Distance	2 to 5 cm

MECHANICAL CONDITIONS

Dimensions	274.9 x 188.7 x 23.1mm
Weight	1034 g without battery 1140 g with battery
Color	Black
GPU	Adreno 506 1920 × 1200 @ 60 fps
CPU	MT8788, ARM 8core 2.0GHZ 64-bit Octa-core
Camera	Front 5.0MP Rear 13.0MP, autofocus with flash
Display	10.1-inch TFT screen 16:10 1920x1200 Resolution 500nits 60HZ
Touchscreen	5/10 dot capacitive screen
Drop Specifications	Within the scope of operation, 6 sides are subjected to the impact of 1.5m falling to the concrete
SIM Card	Sim Card Solts 2x

ENVIRONMENTAL CONDITIONS

Operating Temperature	- 20°C up to 60°C
Storage Temperature	- 30°C up to 70°C
Humidity	95%, non-condensing
Protection Class	IP67

COMMUNICATION SPECIFICATIONS

WLAN	2.4 g / 5g dual band, support 802.11 a/ B/ g/ N/ AC/ ,IPv4, IPv6
Bluetooth	Bluetooth 5.2 transmission distance Max: 10m
WWAN	LTE FDD: B1/B2/B3/B4/B5/B7/B8/ B17/B20/B28A/B28B WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8 LTE-TDD:B38/B39/B40/B41
GNSS	GPS, BEIDOU, GLONASS A-GPS
Vo-LTE	Support VO LTE HF video voice call

1D/2D BARCODE IMAGER

1D	UPC / EAN, Code129, Code39, Code11, Codabar, MSI
2D	QR, PDF417, Micro QR, RSS, Aztec, Maxicode

SDK INFORMATION

Supported OS	Android 12.0 (64 bit)
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CERTIFICATIONS

Certifications	CE, FCC
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SUPPORTED STANDARDS

ISO 14443 A
ISO 14443B
ISO 15693
ISO 18092

SCOPE OF DELIVERY

Standard	1x Original Packaging, 1x Tablet, 1x USB data cable, 1x Charger, 1x Wrist strap
Accessories	1x Wall Mount

ACCESSORIES

WALL MOUNT FRAME



MOUNTED TABLET (BACK)



MOUNTED TABLET (FRONT)



MOUNTED TABLET (SIDE)

