



Handheld Computer C4 Tablet L

Applications

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

Features

- Android 7.0
- 1D/2D Barcode Reader optional
- Rear and Front Camera
- Large 8.0" TFT-LCD Display
- Gorilla Glass 3 9H Screen
- 8000 mAh Li-Ion Polymer Battery
- Wi-Fi/Bluetooth/GSM/GPS/3G
- Only 18 mm thick
- IP67 Protection Class

RFID Options

- UHF (EPC C1 GEN2 / ISO 18000-6C)
- HF (ISO 14443A, ISO 15693)
- LF (ISO 11784, ISO 11785)

Product description

The powerful C4 Tablet L is a true revolution in rugged tablet computing. The 8 inch tablet help drive efficiency and productivity in ways that were never previously possible.

Capable of capture, extract, and analyze data in extrem and remote environments with its IP67 housing and a operating time of up to 8 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™7.0 - powered C4 Tablet L operates on a high performance Quad A53 1.5 GHz octa-core processor with 2 GB RAM / 16 GB ROM or 3 GB RAM / 32 GB ROM memory. The device is only 18mm and weights just 600 grams including battery.

A variety of tablet configurations with different Barcode & RFID modules are available. Users can select between a fully integrated UHF (ETSI / FCC), 13.56 MHz HF, or 125 kHz LF reader. On the other side it can be combined with 1D or 2D Barcode imagers 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 be easier.

The C4 Tablet L from iDTRONIC offers connectivity wherever you need it. It features the latest network communication technology including, Wi-Fi, WCDMA, GSM/GPRS/Edge, Bluetooth and embedded A-GPS.

Beside the hardware, the C4 product family offers an extensive range of documentation, accessories and warranty extensions that support your business applications in the best way.



RFID

1D/2D Barcode

GSM/3G/4G

GPS

Bluetooth

Wi-Fi

Touch Screen

IP67

Camera

Android OS

Technical Data

Physical Characteristics	
Dimensions	230 × 142 × 18 mm
Weight	Net 600 g (including battery & wrist strap)
Display	Gorilla Glass 3 9H 8.0" TFT-LCD (800 × 1280) Touchscreen with backlight
Keypads	4 TP keys, 4 function keys
Expansions	1 SIM, 1 TF, 2 PSAM
Battery	Rechargeable li-ion polymer, 3.8 V, 8000 mAh

Performance Characteristics	
CPU	Quad A53 1.5 GHz octa-core
RAM/ROM	2 GB / 16 GB or 3 GB / 32 GB
Storage	MicroSD (max. 128 GB expansion)

Programming Environment	
Operating System	Android 7.0 „Nougat“

User Environment	
Operating Temp.	-20 to 50 °C / -4 to 122 °F
Storage Temp.	-20 to 70 °C / -4 to 158 °F 5 % - 95 % RH (Non-condensing)
Drop Specifications	1.5 m / 5 ft. drop to concrete across operating temperature range
ESD	±15 kv air discharge, ±8 kv direct discharge
Sealing	IP67, IEC compliance

Communication	
WLAN	2.4 GHz / 5.8 GHz Dual Frequency IEEE 802.11 b/g/n
WWAN	TDD-LTE Band 38, 39, 40, 41; FDD-LTE Band 1, 2, 3, 4, 7, 17, 20; WCDMA (850/1900/2100 MHz); GSM/GPRS/Edge (850/900/1800/1900 MHz)
WPAN	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.0
GPS	GPS (embedded A-GPS), accuracy of 5 m

1D/2D Barcode Reader (optional)	
1D laser engine	Symbol SE955 / Honeywell N431x
Symbologies	All major 1D barcodes
2D CMOS Imager	Honeywell N6603 / Newland EM3396
Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal.etc.

PSAM Security (optional)	
Protocol	ISO 7816
Baudrate	9600, 19200, 38400, 43000, 56000, 57600, 115200
Slot	4 slots (maximum)

RFID Readers			
	UHF	HF NFC	LF
Frequency	865 – 868 MHz 920 – 925 MHz	13.56 MHz	125 kHz 134.2 kHz (FDX-B/HDX)
Protocol	EPC C1 GEN2 ISO 18000-6C	ISO 11784 ISO 15693	ISO 11784 ISO 11785
Antenna Gain	Circular antenna 2 dBi	---	---
R/W Range	Up to 1.5 me- ters (tags and environment dependent)	2 cm to 8 cm	2 cm to 10 cm

Supported Standards / Tags	
ISO18000-6C	Standard ISO 18000-6C (EPC Class 1 Generation 2) E.g.: Alien Higgs 2/3/4, Impinj Monza, NXP UCODE, etc.
ISO 14443 A and compa- tible	Read/write: MIFARE® DESFire® EV1 2K / 4K / 8K, MIFARE® Classic Mini / 1K /4K, MIFARE Ultra- light®, MIFARE Ultralight® C, MIFARE® Plus S / X, MIFARE® Pro X, NTAG 21x Read UID only: Read UID only of all other ISO14443A RFID tags
ISO 15693 and compa- tible	EM4135, EM4043, EM4x33, EM4x35, I-Code SLI / SLIX, M24LR16/64, TI Tag-it HF-I, SRF55Vxx (my-d vicinity)
LF (125 kHz)	Read/write: Hitag 1, Hitag 2, Hitag S, Titan (EM4050), EM4450/4550 and compatible tag types Read only: EM4200, FDX-B, Unique, Zodiac, and compatible tag types

Camera	
Resolution	Rear: 13.0 megapixel Front: 5.0 megapixel
Lens	Auto-focus with LED flash

Product pictures



Front



Back



Water resistance



Anti-slip surface



High-definition display



Case

Order Codes

Terminal	Order Code
C4 Tablet L	R-HH-C4TL

RFID Options	Order Code
C4 Tablet L UHF ETSI (865 – 868 MHz)	R-HH-C4TL-UHF
C4 Tablet L HF (13.56 MHz)	R-HH-C4TL-HF
C4 Tablet L NFC	R-HH-C4TL-NFC
C4 Tablet L LF (125 kHz)	R-HH-C4TL-LF
C4 Tablet L LF (134.2 kHz)	R-HH-C4TL-134

Memory Options	Order Code
3 GB RAM 32 GB ROM	R-HH-C4TL-MXL

Barcode Options	Order Code
1D Barcode	R-HH-C4TL-1DBC
2D Barcode	R-HH-C4TL-2DBC

Accessoires	Order Code
Spare Battery	R-HH-C4R-PS
Carrying Case	R-HH-C4R-C

Warranty Options	Order Code
Warranty Extension - 24 months	G-MT-M24
Warranty Extension - 36 months	G-MT-M36

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