



Handheld Computer C4 Tablet

FEATURES

- Android 7.0
- Large 7.0" TFT-LCD
- Gorilla Glass 3 Screen
- Li-Ion Polymer Battery
- Wi-Fi/Bluetooth/GSM/GPS/3G
- 1D/2D Barcode Reader
- Rear and Front Camera
- Optional Fingerprint Reader
- IP65 Protection Class

RFID OPTIONS

- UHF (EPC C1 GEN2 / ISO 18000-63)
- HF (ISO 14443A, ISO 15693)
- LF (ISO 11784, ISO 11785)

PRODUCT DESCRIPTION

The powerful C4 Tablet is a rugged Android 7.0 industrial tablet with 7 inch high-definition LED backlight touch screen and integrated RFID reader. It operates on a high performance Cortex A7 1.3 GHz quad-core processor with 1 GB RAM and 16 GB of ROM.

Robust C4 Tablet is only 30 mm thick and weights just 500 grams including battery. Its portable size is ideal for all applications in the industrial fieldwork. The rugged IP65 housing is built to withstand in any tough environment.

Users can select between a fully integrated UHF (ETSI/ FCC), 13.56 MHz HF, or 125 kHz LF reader. Data capturing is easy, thanks to the built-in 8 megapixel rear camera with LED flash and 2 megapixel front camera. An optional 1D Barcode Scanner or 2D Barcode imager complete the package.

C4 Tablet 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. For enhanced safety and convenience the C4 Tablet is also available with Fingerprint Reader.



RFID

1D/2D Barcode

GSM/3G/4G

GPS

Bluetooth

Wi-Fi

Touch Screen

IP65

Camera

Android 7

TECHNICAL DATA

PHYSICAL CHARACTERISTICS	
Dimensions	210 × 130 × 20 mm
Weight	Net 500 g (including battery & wrist strap)
Display	7.0 in. TFT-LCD (720 × 1280) touch screen with LED backlight
Keypads	1 side button
Expansions	1 SIM, 1 TF
Battery	Rechargeable li-ion olymer, 3.7 V, 10000 mAh

PERFORMANCE CHARACTERISTICS	
CPU	Cortex A7 1.3 GHz quad-core
RAM/ROM	1GB/16GB
Storage	MicroSD (max. 32GB expansion)

PROGRAMMING ENVIRONMENT	
Operating System	Android 7.0

USER ENVIRONMENT	
Operating Temperature	-20 °C to 50 °C / -4 °F to 122 °F
Storage Temperature	-20 °C to 70 °C / -4 °F to 158 °F 5% - 95%RH (Non-condensing)
Drop Specifications	1.5 m / 5ft. drop to concrete across operating temperature range
ESD	±15kv air discharge, ±8kv direct discharge
Protection Class	IP65

COMMUNICATION	
WLAN	IEEE 802.11 b/g/n
WWAN	WCDMA (850/1900/2100MHz); GSM/GPRS/Edge (850/900/1800/1900MHz)
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
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.

FINGERPRINT READER (OPTIONAL)	
Sensor / Type	TCS1CT/ Capacitive, area sensor
Resolution	508 DPI
Performance	FRR<0.008%, FAR<0.005%
Capacity	1000

PSAM SECURITY (OPTIONAL)	
Protocol	ISO 7816
Baudrate	9600, 19200, 38400,43000, 56000, 57600, 115200
Slot	2 slots (maximum)

RFID READERS			
	UHF	HF	LF
Frequency	865 – 868 MHz 902 – 928 MHz	13.56 MHz	125 kHz
Protocol	EPC C1 GEN2 / ISO 18000-63	ISO 14443A ISO 15693	ISO 11784 ISO 11785
Antenna Gain	Circular antenna 2dBi	-	-

SUPPORTED STANDARDS TAGS	
ISO 18000-63	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 compatible	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 compatible	EM4135, EM4043, EM4x33, EM4x35, I-Code SLI / SLIX, M24LR16/64, TI Tag-it HF-I, SRF55Vxx (my-d vicinity)
ISO 11784 ISO 11785	Read only: EM4100 and EM4200

CAMERA	
Resolution	Rear: 8.0 megapixel Front: 2.0 megapixel
Lens	Auto-focus with LED flash

PRODUCT VERSIONS



VERSION WITH TOUCHSCREEN



VERSION WITH FINGERPRINT READER

ORDER CODES

VERSIONS	ORDER CODES
C4 Tablet UHF ETSI (865 – 868 MHz)	R-HH-C4T-UHF
C4 Tablet UHF FCC (920 – 925 MHz)	R-HH-C4T-UHF-FCC
C4 Tablet HF (13.56 MHz)	R-HH-C4T-HF
C4 Tablet LF (125 kHz)	R-HH-C4T-LF

OPTIONS	ORDER CODES
1D Barcode Scanner	xx-1DBC
2D Barcode Imager	xx-2DBC
Fingerprint Reader	xx-FPR

ACCESSORIES	ORDER CODE
Spare Battery	R-HH-C4R-PS

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