Tablet Carpo-T

Ubiqconn
Ubiquitous Connectivity

10.1″ Semi-rugged Tablet PC with TI® Cortex-A8 Platform

MIL STD 810G | IP55 | Fanless | Touch | WiFi

Carpo-T is a semi–rugged tablet PC featuring 10.1′ WVGA resolution TFT LCD panel. It's integrated with WiFi 802.11 b/g/n, Bluetooth 2.1, NFC RFID, 2M pixel rear camera and 1.3M pixel front camera. We also offer optional devices including MSR, 3.5G, GPS and 2D Barcode Scanner. Carpo-T is a fully functional communication device suitable for any indoor and outdoor application. It provides IP55 rating for protection against dust and water, and compliance with military grade MIL-STD-810G by handling 5-ft drop, vibration, transit shock, and wide temperature (-10°C to +50°C). Carpo-T is a reliable tablet PC for industrial use in any harsh environment.

Features

- IP55, MIL-STD-810G, 5 feet drop resistance
- Outdoor viewable application
- Over 10hrs operating time with dual battery*
- Dual camera and RFID support

  *In the test condition of "Mobile Mark 2007", Power Saver Mode and 1/10 nits LCD

- MSR, Barcode Scanner and GPS by snap on module (optional)
- Wide coverage accessories to meet different deployment needs
- I/O ports and five function keys support a variety of application

I/O Diagram

275.4mm
26.5mm
203.6mm

Trigger Button
1.3 Mega-pixel Camera
Trigger Button
2 Mega-pixel Camera
Power Button
Lock Button
RF Button
DC-IN
Microphone Jack
Headphone Jack
USB
USB
Function Button
Navigation Button
Docking Connector

Specifications

System	CPU	TI Cortex-A8 DM3730 1GHz MPU
	System Memory	256MB LPDDR on board
	Flash Storage	8GB moviNand on board
	Extended Storage	8G SDHC card installed, Wide Temp. SLC supported
	Display	10.1-inch LED backlight screen with 5-wire Resistive Touch
	Display Resolution	1024 RGB(W) x 600(H) WVGA
	Display Brightness	200 nits
	Audio	2 x High quality speakers
	Communication	Wi-Fi IEEE 802.11 b/g/n and Bluetooth 2.1
	RFID	ISO/IEC 14443A, 14443B, 15693
		Mifare 1K/4K, Ultralight
		NFC-IP1 Protocol
	Webcam	1.3 Mega-pixel, audio input (Front Bezel)
		2 Mega-pixel, LED light (Rear Bezel)
	WWAN	3.5G (Option)
	GPS	Snap-on Module (Option)
	G-Sensor	1
	Light-Sensor	1
I/O Ports	USB 2.0 Type A	2
	Microphone Jack	1
	Headphone Jack	1
	Docking Connector	1
	DC-Jack	1
In Front Control	Power Button	1
	Lock Button	1
	RF Button	1
	Navigation Button	4+ Way navigation button with integrated enter button
	Program Function Button	5
	Trigger Button	2 x Barcode buttons (Programmable)
	LED Indicator	Power / Storage / Wi-Fi
Mechanical & Environment	Dimensions(WxHxD)	275.4 x 203.6 x 26.5 mm
	Weight	1.1kg (2.43lb)
	Certificaions	CE, FCC, UL, VCCI
	Operating System	Win CE 6.0 and Android 2.3
	Protection Class	IP55
	Drop	5-ft drop (MIL-STD-810G method 516.6 procedure IV)
	Mechanical Shock	Operating : 20g, 11ms, Terminal sawtooth
		Non-operating : 40g, 11ms, Terminal sawtooth
	Operating Temperature	-10°C to +50°C (14°F to 122°F)
	Storage Temperature	-20°C to +60°C (-4°F to 140°F)
	Humidity	5-95% without condensation
Power Management	Battery	Internal Smart Lithium Polymer Battery, 3800mAh
	Power Adapter	AC 100V ~ 240V, 50~60Hz input; 19VDC@3.42A, 65W

Ordering Information

Part No.	Description
Carpo-T-C	10.1" IP55 semi-rugged tablet w/TI DM3730 /Win CE 6.0
Carpo-T-A	10.1" IP55 semi-rugged tablet w/TI DM3730 /Android 2.3
Carpo-TW1-C	Carpo-T-C w/ 3.5G
Carpo-TW1-A	Carpo-T-A w/ 3.5G
Carpo-DT02T	Desktop Dock w/4xUSB2.0 type A, 1xDC Jack and 1xEthernet support
Carpo-VD200T	Vehicle Dock w/4xUSB 2.0, 2xRS232, 1xEthernet and 9-32 VDC input
Carpo-MR01	MSR snap-on module
Carpo-BS01	2D Barcode Scanner snap-on module
GP03	GPS board for vehicle dock
GP03-2	GPS snap-on module for Carpo-T/T10C
Carpo-EB100	External Battery Charger
EB01	4200mAh External Battery Kits
Carrying Case	Carpo Terminal Carrying Case

Accessories

Desktop Dock

Vehicle Dock

Hand Strap

External Battery

GPS

MSR

Barcode Scanner

Battery Charger

Stylus

Carrying Case

Packing List

Description	Quantity
Corner Rubbers & Screws	4
Hand Strap	1
Shoulder Strap	1
Stylus	1