Ubiqconn

FIC Group

Rugged Mobile Computer

Stay on Rugged Mobility

U
Tablet

Why uTablet ?

Slim and Lightweight

Fanless

Wide Temperature

+50   -20

Durable & Versatile
Tablet PCs

Rugged Design

Sunlight Readable

Seamless Communications

Hot-swappable Dual Battery

Variety of Data Capture

U Tech
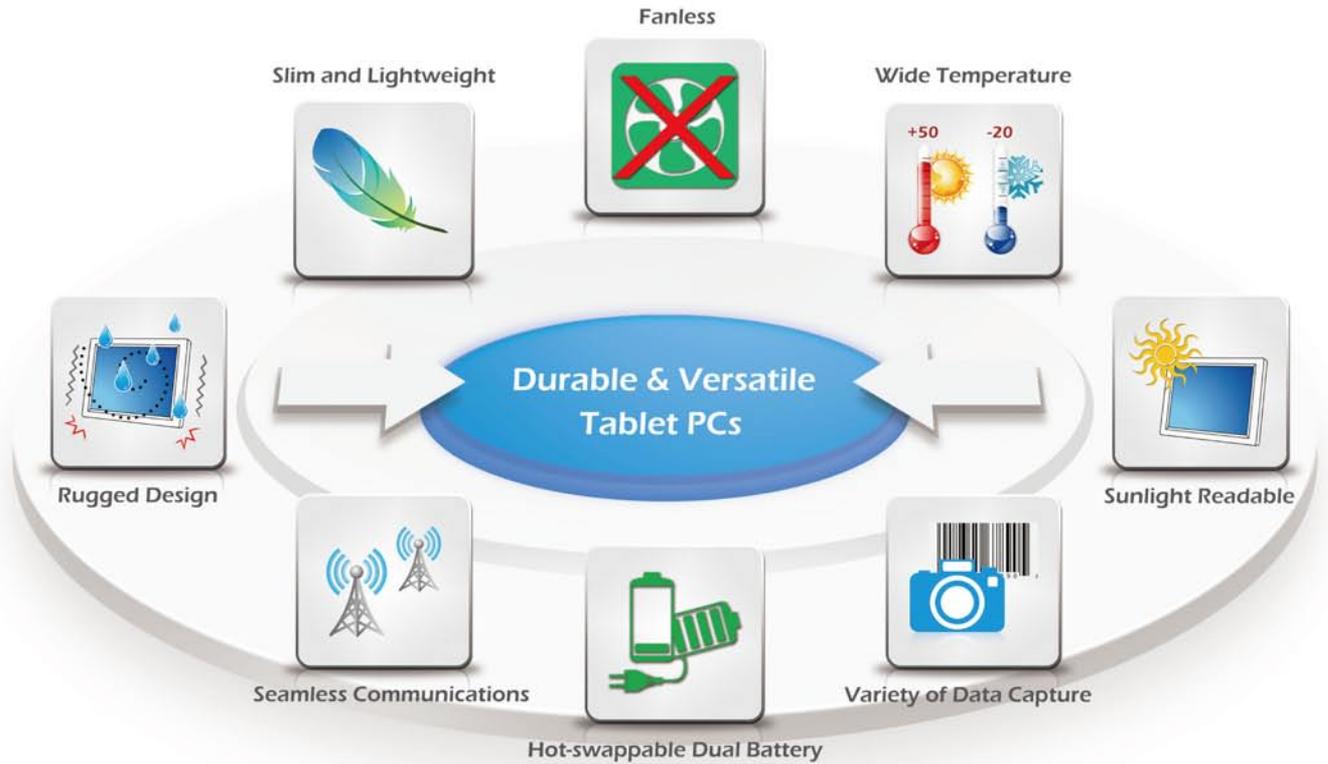
uHeater - the intelligent heater

uHeater is the solution to make computer system boot & work properly in extremely low temperature environment. uHeater, with the combination of micro-controller, sensor, and heater can judge which parts to be heated by which modes under different scenarios and conditions.

uBattery - the intelligent battery

uBattery is the key to sustain high portability of mobile products for field application.
uBattery is combined by multi-technology including smart gauge, smart charger/discharger, and hot-swappable dual battery.
uBattery is implemented in uTablet to support non-stop working process and to last as long as needed.

uView - the intelligent display

uView includes two solutions which are high brightness backlight & anti-reflection.
The anti-reflective technologies such as AR film/coating & Circular Polarizer have been implemented in uTablet default configuration already to guarantee the certain level sunlight readability.
Combining with the optional high brightness backlight and anti-reflective technology,
uTablet provides the superior viewability under bright sunlight but still in great balance with the battery life concern.

Rugged Design

One of the main factors to consider is durability for field application.
Ubiqconn offers semi-rugged and fully rugged tablets to satisfy varying requirements of harsh conditions.

Our tablets meet rigorous MIL-STD-810G military standards for temperature, humidity, vibration, shock and drops up to 6 feet height, and with IP rating (IP55, IP65) for water and dust resistance.

They also can satisfy critical EMI/EMC requirements with MIL-STD-461F option.

These are ideal devices for using in challenging environments and mission-critical tasks.

Robust & Durable

IP-rating
Water & Dust

MIL-STD-810G
Vibration, Shock, Drop, Temp., Humidity

MIL-STD-461F
EMI/EMC
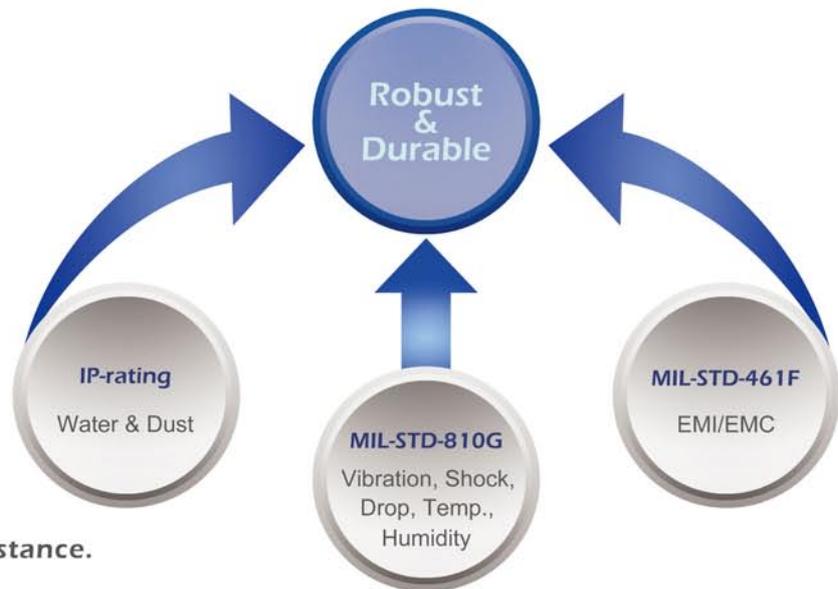
Seamless Communication

Our GPS module can receive position data from GPS, GLONASS and QZSS satellite positioning systems. It also supports all civilian Satellite Based Augmentation Systems (SBAS). They provide the most comprehensive satellite coverage available and deliver faster, high-accuracy positioning than using GPS alone.
It's a reliable solution for telematics applications.

Our tablets come with optional GPRS, 3.5G, LTE communications, providing high-speed broadband connectivity. Built-in LTE offers fast data speed of at most 100Mb/s download and 50Mb/s upload.
It enhances the data transfer rates delivering excellent mobile experience and highest data speeds and reliability.

Ubiqconn tablets are equipped with Wi-Fi(802.11 a/b/g/n) connectivity that provides faster and more efficient networking option.
This feature ensures reliable network for real-time data processing.

Built-in Bluetooth 4.0 Low Energy(BLE) offers significantly lower power consumption and high speed to generate data for long-lasting connection. The effective range can be optimized up to 200 feet or more.
In addition, Its dual-model advantage supports all types of device. Bluetooth 4.0 is the best solution for mobile application.

Tablet T70C

Durable and Versatile
7"Rugged Tablet PC

Features Highlight

2-in-1 Barcode Scanner + MSR Module

Quick and easy data capture

T70C is a versatile data acquisition device that supports 1D/2D barcode scanning, magnetic stripe card reading, and image capture (2M and 5M AF w/ LED flash cameras), It enhances workers productivity and streamlines business process, especially by integrating Barcode Scanner and MSR into one single module.

Multiple connectivity interfaces

With RS-232, RJ45 (support PXE) and USB ports, user can maximize the effectiveness and productivity without any restraints of time or place. I/O interfaces also can be customized to fulfill field application.

RS232
RJ45   USB

Extended battery life with hot-swappable batteries

In order to use tablet for extended periods of time, Ubiqconn integrates hot-swappable dual battery into uTablet-T70C for up to 8 hours uptime.
T70C is equipped with 3000mAH internal battery and 4200mAH external battery.
This feature enables mobile workers easily to replace the battery without shutting down or reboot the device.

Easy maintenance for service centre

With service door, the local service is much easier and turnaround time is shorten.

Powerful Vehicle Dock

• Rich I/O meets the field needs
• Built-in wide range car adapter to fulfill various types of vehicle application
• Support standard VESA mounting holes
• Easy to install and remove tablet with all accessories

Logistics

A reliable and rugged enough device is very important for fleet management application. To provide the real-time data between cargo, trucks, and control center, and lower the operation costs , Ubiqconn offers a series of rugged tablets to fulfill each critical task and increase the error-free operation in harsh environment. Good GPS/WiFi/3.5G/LTE performance, wide range temperature support, various data collection options and sunlight readable display optimize mobile workers' productivity and enhance the efficiency.

Warehousing

Ubiqcoon's uTablet series offers seamless communication, wide range of data collection options and good drop and shock protection to maximize the productivity, and ensure no data loss during the workflow of warehousing and inventory management. No matter to be carried by workers or mounted in any vehicles, uTablet helps to transfer all real-time data and increase the accuracy for inventory process. A variety of accessories and rich I/O we offer are also one of our strengths and key features.

Law Enforcement / Emergency / Public Safety

For those heroes working in a dangerous place or even need to save the live of people, what they need is the extremely rugged and reliable equipment. Ubiqconn's tablets meet IP-55/65, MIL-STD-810G and MIL-STD-461F rigorous standards, it is an ideal solution for these applications. Moreover, uTablet can sustain to be worked in a wide range of temperatures, has good sunlight readable performance for use in bright environments, and supports a variety of wireless protocols: WLAN, GPS, WWAN and Bluetooth to work more efficiently for public life safety.

Measurement

An ultra rugged device with rich I/O connectivity, good GPS/3.5G/even LTE performance and data collection option enables outdoor engineers to work more efficiently and accurately without data loss transferring back to the central control.
The hot swappable battery design and good sunlight readable solution will also help to keep job running without delay. uTablet offers various hardware platforms and options to fulfill different measurement tasks.

Field Service

For a worker who needs to carry the device at least 8 hours a day, a light-weight but stable performance product will help much for field service engineers in such a demanding work environment. Ubiqconn's tablet ranging from 7″ to 10.4″ display is better to present structure diagrams and facility details.
With 3.5G/LTE communications, workers can easily access to the central databases anywhere, anytime.
The products to meet military standard MIL-STD-810G, MIL-STD-461F and IP55/65 protection from water and dust could be the "must" feature of the device they choose.

uTablet Series

Model Name		Carpo-M	Carpo-T
System	CPU	Intel® Menlow Atom Z530 1.6GHz	TI Cortex-A8 DM3730 1GHz MPU
	System Memory	2GB DDRII 800 SO-DIMM	256MB LPDDR on board
	Flash Storage	N/A	8GB moviNand on board
	Storage	32GB Micro SATA Half-Slim Size SSD	8G SDHC card installed, Wide Temp SLC supported
	Display	10.1-inch LED backlight Screen with 5-wire Resistive Touch	10.1-inch LED backlight Screen with 5-wire Resistive Touch
	Display Resolution	1366(W) x 768(H) WXGA	1024 RGB(W) x 600(H) WWGA
	Display Brightness	200nits	200nits
	Audio	2 x High Quality Speakers	2 x High Quality Speakers
	Communication	Wi-Fi IEEE 802.11 b/g/n and Bluetooth 2.1	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	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)	1.3 Mega-pixel, audio input (Front Bezel) 2 Mega-pixel, LED light (Rear Bezel)
	TPM	TPM 1.2 (option)	N/A
	G-Sensor	N/A	1
	WWAN	3.5G(Option)	3.5G(Option)
	GPS	Snap On Module(Option)	Snap On Module(Option)
	Light-Sensor	1	1
	Operation System	Win7 Pro.,WES7-WS7P,Win XPe Pro. and Win XPe by request	Win CE 6.0 and Android 2.3
I/O Ports	USB 2.0 Type A	2	2
	Microphone Jack	1	1
	Headphone Jack	1	1
	Docking Connector	1	1
	DC-Jack	1	1
	Micro SD slot	N/A	N/A
	RS232 Port	N/A	N/A
	Ethernet	N/A	N/A
Control Button	Power Button	1	1
	Lock / RF Button	1	1
	Navigation Button	4+ Way navigation button with integrated enter button	4+ Way navigation button with integrated enter button
	Program Function Button	5	5
	Trigger Button	2 x Barcode buttons (Programmable)	2 x Barcode buttons (Programmable)
Mechanical & Environmental	Dimensions(WxHxD)	275.4 x 203.6 x 26.5mm/1.1kg (2.43lb)	275.4 x 203.6 x 26.5mm/1.1kg (2.43lb)
	Certifications	CE, FCC, VCCI	CE, FCC, UL, VCCI
	Protection Class	IP 55	IP 55
	Drop	5-ft drop (MIL-STD-810G)	5-ft drop (MIL-STD-810G)
	Mechanical Shock	Operating: 20g, 11ms, Terminal sawtooth	Operating: 20g, 11ms, Terminal sawtooth
	Operating Temperature	-10°C to +50°C (14 °F to 122°F)	-10°C to +50°C (14 °F to 122°F)
	Storage Temperature	-20°C to +60°C (-4 °F to 140°F)	-20°C to +60°C (-4 °F to 140°F)
	Humidity	5-95% without condensation	5-95% without condensation
Power Management	Battery	Internal Smart Lithium Polymer Battery, 3800mAh	Internal Smart Lithium Polymer Battery, 3800mAh
	Power Adapter	AC 100V~240V, 50~60Hz input; 19VDC@ 3.42A, 65W	AC 100V~240V, 50~60Hz input; 19VDC@ 3.42A, 65W
	MP Time Frame	MP	MP

uTablet T10C	uTablet T70C
Intel® Atom™ N2600 1.6GHz Dual Core Processor (Intel® Cedar Trail)	Intel® Atom™ N2600 1.6GHz Dual Core Processor (Intel® Cedar Trail)
2GB DDRIII 800 SO-DIMM	2GB DDRIII 800 SO-DIMM
N/A	N/A
32GB SATA Half-Slim Size SSD	32GB SATA Half-Slim Size SSD
10.4-inch LED backlight Screen with 5-wire Resistive Touch	7" LED backlight Screen with 5-wire Resistive Touch
1024(W) x 768(H) XGA	1280 RGB(W) x 800(H) WSXGA
350nits / Optional 500 nits Sunlight Readable	400nits / Optional 500 nits Sunlight Readable
1 x High Quality Speaker	1 x High Quality Speaker
Wi-Fi IEEE 802.11 a/b/g/n and Bluetooth 4.0	Wi-Fi IEEE 802.11 a/b/g/n and Bluetooth 4.0
ISO / IEC 14443A, 14443B	N/A
Mifare 1K/4K, Ultralight — Option by snap-on module	N/A
NFC-IP1 Protocol	N/A
2 Mega-pixel w/ audio input (Front Bezel)	2 Mega-pixel w/ audio input (Front Bezel)
5 Mega-pixel w/ LED light, AF (Rear Bezel)	5 Mega-pixel w/ LED light, AF (Rear Bezel)
TPM 1.2 (option)	TPM 1.2 (option)
N/A	N/A
3.5G or 4G LTE(Option)	3.5G or 4G LTE(Option)
Snap-on Module(Option)	Embedded
1	N/A
WES7-WS7P, Win7 Pro. (Embedded)	WES7-WS7P, Win7 Pro. (Embedded)
2	2
1（Audio Jack）	1（Audio Jack）
1	1
1	1
N/A	1
N/A	1
1 x Ethernet Jack	1
1	1
1	N/A
N/A	N/A
6	5
N/A	1 x Enter Key
275.4 x 203.6 x 26.5 mm / 1.2kg (2.64lb)	225 x 168 x 26.5mm / 0.95kg (2.09lb)
CE, FCC, UL	CE, FCC
IP 65	IP 65
6-ft drop (MIL-STD-810G)	5-ft drop (MIL-STD-810G)
Operating: 40g, 11ms, Terminal sawtooth	Operating: 40g, 11ms, Terminal sawtooth
-20°C to + 50°C (MIL-STD-810G)	-20°C to + 50°C (MIL-STD-810G)
-30°C to + 70°C (MIL-STD-810G)	-30°C to + 70°C (MIL-STD-810G)
5-95% without condensation(MIL-STD-810G)	5-95% without condensation(MIL-STD-810G)
Internal Smart Lithium Polymer Battery, 3800mAH, 7.4V	Internal Smart Lithium Polymer Battery, 3000mAH, 7.4V
AC 100V~240V, 50~60Hz input; 19VDC@ 3.42A, 65W	AC 100V~240V, 50~60Hz input; 19VDC@ 3.42A, 65W
MP	MP

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