

## Specification

Rugged Features	<ul style="list-style-type: none"> <li>• IP 65</li> <li>• Drop MIL-STD 810G 516.6 Procedure IV, 26 drops from 5 feet height onto plywood over concrete</li> <li>• Vibration MIL-STD 810G 514.6 Procedure I Cat. 24, Fig 514.6E-1, General Minimal Integrity</li> <li>• Salt Fog MIL-STD 810G, Method 509.5</li> <li>• I/O Hard Covers</li> <li>• MIL-STD 461F level 2</li> <li>• Magnesium Alloy Chassis</li> </ul>	Communication	<ul style="list-style-type: none"> <li>• 10/100/1000 Mbps Ethernet</li> <li>• Intel® Centrino® Wireless-N 6235 (802.11 a/b/g/n)</li> <li>• Bluetooth 4.0 Class 1</li> <li>• Gobi 3000 or LTE WWAN<sup>1</sup></li> <li>• GPS<sup>1</sup></li> </ul>
Environment	<ul style="list-style-type: none"> <li>• Temperature Operating: -20°C ~ 60°C Storage: -51°C ~ 71°C</li> <li>• Humidity Operating 5% ~ 95%</li> </ul>	Security	<ul style="list-style-type: none"> <li>• Intel® vPro™</li> <li>• Computrace® Ready</li> <li>• TPM 1.2</li> <li>• Kensington Lock</li> <li>• FIPS 201 Certified Fingerprint Scanner<sup>1</sup></li> <li>• Smart Card Reader<sup>1</sup></li> <li>• Stealth Mode</li> </ul>
Operating System	• Genuine Windows 7 Professional	Data Collection	<ul style="list-style-type: none"> <li>• 1D or 1D/2D Barcode Scanner<sup>1,3</sup></li> <li>• UHF RFID Reader<sup>1,4</sup></li> </ul>
CPU	• Intel® Core™ i5-3427U vPro™ Processor 1.8GHz	Expansion Slots	<ul style="list-style-type: none"> <li>• One PCMCIA Type II</li> <li>• One SD Card slot (SDHC)</li> <li>• One Smart Card Reader</li> </ul>
Memory	• 4GB DDR3 (Max. 16GB)	I/O Ports	<ul style="list-style-type: none"> <li>• Two USB 3.0 ; One Mini USB 2.0</li> <li>• One RS232</li> <li>• One RJ45</li> <li>• One Audio-Out for headphone</li> <li>• Docking Connector</li> <li>• DC-In</li> <li>• WWAN and GPS pass through connectors<sup>1</sup></li> </ul>
Storage	<ul style="list-style-type: none"> <li>• 2.5" SATA HDD 500/750 GB</li> <li>• mSATA SSD<sup>1</sup> 64G / 128G, support Rapid Start</li> </ul>	Battery	<ul style="list-style-type: none"> <li>• Two Hot-swap Li-ion battery packs<sup>1</sup></li> <li>• Primary 6 Cells 5200 mAh battery pack: 5~6 hrs<sup>5</sup></li> <li>• Secondary 6 Cells 5200 mAh battery pack: 5~6 hrs<sup>5</sup></li> <li>• Providing up to 12 hrs with two batteries<sup>1,5</sup></li> </ul>
Display	<ul style="list-style-type: none"> <li>• 10.4" XGA (1024x768) TFT LCD with LED backlight</li> <li>• Resistive Multi-Touch Panel</li> <li>• Ambient Light Sensor</li> <li>• Built in G-sensor for display auto-rotation</li> <li>• Sunlight Readable 700 nits Display<sup>1</sup></li> <li>• Digitizer with Dual-Touch feature<sup>1</sup></li> <li>• Night Vision Mode<sup>2</sup></li> </ul>	AC Adaptor	<ul style="list-style-type: none"> <li>• Input: 110V - 240V; 65W</li> <li>• Output: 19V</li> </ul>
Audio	<ul style="list-style-type: none"> <li>• Intel High Definition Audio</li> <li>• 1.5 KHz Speaker x 1 / 80 dB</li> <li>• Microphone x 2 for Mic. Array</li> </ul>	Dimension	• 285.6 mm (L) x 221.5 mm (W) x 41.5 mm (H)
Camera	<ul style="list-style-type: none"> <li>• Front facing 1.3MP camera</li> <li>• Rear facing 5MP auto-focus camera with flashlight, support GeoTagging<sup>1</sup></li> </ul>	Weight	• 2.3 Kg (5 lbs) <sup>6</sup>

## Accessories



**Vehicle Dock**

- 3 x USB 2.0
- RJ-45
- DC-In
- 1x Serial port
- 2 x SMA Ext.
- GPS&WWAN



**Office Dock**

- 3 x USB 2.0
- RJ-45
- DC-In
- 1x Serial port



**Battery Charger**



**Stylus Pen**



**Car Adapter**

- DC-In : 12V~25V, 65W
- DC-out: 19V



**4-Point Shoulder Strap**



**X-Strap**

1. Optional items
2. Comply Night Vision Imaging System (NVIS) Type I class A
3. Support 1D/2D barcode reading, Angle: 38.9° (Horizontal), 25.4°(Vertical)
4. UHF RFID reader support ISO 18000-6C
5. Battery Mark 4.0.1 Life Test Method (Battery life may vary with the product configuration, settings, usage patterns, and operating environment.)
6. With one standard battery pack and 2.5"HDD (Actual weight may vary with different configurations)

# DURABOOK

Prepared for the Unexpected



## TA10

Unbeatable Performance 10.4"  
Fully-Rugged Tablet PC

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# TA10

**TA10** is one of the most robust Fully Rugged Tablet PCs. Designed to withstand the harshest environment without compromising the computing power and with the Super-High Capacity Battery that provides up to 12 hours of working time in a single charge, TA10 is the most reliable Tablet PC to accomplish any critical task under any kinds of environment.

## Robust Design

- IP65 for dust/water resistance
- MIL-STD 810G drop protection from 5 feet (152 cm) height
- MIL-STD 810G protection against vibration
- MIL-STD 810G Salt Fog
- MIL-STD 461F for aircraft & aerospace applications
- Wide temperature operating: -20°C ~ +60°C
- Wide humidity operating: 5% ~ 95%
- I/O Hard Covers
- Aluminum Magnesium Alloy Chassis

## Super High Capacity Battery with Hot Swappable

Super-High Capacity dual battery packs provide up to 12 hours of ultra-long battery life in a single charge. Hot Swappable function further extends the power providing the possibility of unlimited battery life.



## Advanced Security and Management Technologies

- Intel® vPro™
- Computrace® Ready
- Fingerprint Scanner with FIPS 201 certified
- Smart Card Reader
- TPM1.2
- Stealth Mode\*

\*User configurable with One-click to disables all emitting light and sounds for unique application such as police stakeouts or Night Vision Mode.



## LCD Display

### Sunlight Readable Display

With circular polarizer, anti-reflective coating and enhanced 700nits brightness, TA10 provides exceptional LCD display under bright sunlight.



### Resistive Multi-Touch Screen

TA10 comes with resistive Multi-Touch panel that accommodates gloved-finger, bare finger and stylus input.



### Digitizer

Optional Digitizer provides the ability to make precise sketches or sign e-documents directly onto the screen. When equipped with Digitizer, TA10's Dual Touch automatically enables Digitizer mode when Active Stylus is used for input.



### Ambient Light Sensor

Ambient Light Sensor automatically adjusts LCD brightness based on surrounding light condition. The adjustment enhances the battery life and viewing comfort.



### Night Vision

Night Vision Mode can be enabled through Stealth Mode button. The Night Vision Mode complies with Night Vision Imaging System (NVIS) Type I class A.



## Superior Connectivity

- Advanced LTE module enhances the WWAN data transmission speed
- Intel® Centrino® Advanced-N 6235 delivers premium WiFi performance (WLAN 802.11 a/b/g/n)
- Bluetooth 4.0 Class 1 technology delivers long distance transmission with low-energy and low-latency
- WWAN Gobi 3000
- Global Positioning System (GPS)



## Data Collection Capability

### RFID Reader

UHF RFID reader supports ISO 18000-6C (EPC Class 1 Gen 2)



### 5MP CMOS Camera with Flashlight

With 1.3 MP front camera as standard, TA10 offers optional 5MP auto-focus camera with LED flashlight, supporting GeoTagging in the EXIF of JPEG file.



### Barcode Scanner

Integrated 1D/2D Barcode Scanner is available as option, supporting angle between 38.9° (Horizontal) and 25.4° (Vertical)



## User-Friendly Design Features

- Built-in keypad for most frequently used keys for fast and easy access
- Optional X-Strap for One-Hand operation or Shoulder Strap for Free-Hand operation



- LED Backlit Keypad for operation in darkness



## Quick Setting Control (QSC)

DURABOOK Quick Setting Control provides One-Key quick setting to all of your most frequently used functions:

- System Information
- On/Off/Airplane Mode for WLAN, WWAN, Bluetooth, and GPS
- On/Off for RFID and Barcode Scanner
- On/Off for Auto-Rotate screen function
- Programmable button setting
- Stealth Mode setting
- Night Vision Mode setting
- Display brightness and volume adjustment
- Auto switch button to external WWAN antenna