



TA10

FOR ALL APPLICATIONS IN THE HARSHTEST ENVIRONMENT

TA10 is one of the most robust Fully Rugged Tablet PC ever built. With system structure designed to meet the most extreme condition land, sea or air. It is virtually indestructible. Running on powerful Intel® Core™ CPU and super large battery, TA10 is the system that operates anytime, anywhere.

EXCEPTIONAL OUTDOOR DISPLAY

Equipped with a 10.4" TFT LCD (1024 x 768) screen with 700 nits sunlight readable and resistive multi-touch panel, TA10 offers excellent screen viewing even under direct sunlight.

Digitizer

It provides the ability to capture precise sketches or signature for e-documents directly onto the screen.

Ambient Light Sensor

With the automatic adjustment of LCD brightness, TA10 is able to provide the best LCD visibility at the best battery efficiency.

Night Vision

It complies with Night Vision Imaging System Type I class A.

INTEGRATED OPTIONS FOR DATA COLLECTION

- ✓ 1D / 2D Barcode Scanner
- ✓ RFID Reader support ISO 1800-6C
- ✓ 5MP Auto Focus Camera with LED Flash Light

EXTREMELY RUGGED DESIGN

Designed with magnesium alloy chassis, TA10 has been tested and certified to MIL-STD 810G, IP65, 5 feet drop and MIL-STD-461F standards to carry out superior performance in the harshest environments.

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.

SUPERIOR SECURITY

To protect against unauthorized access to protected data, TA10 is equipped with various devices of secured tools, such as Stealth Mode, TPM1.2, Fingerprint Scanner, Computrace® Ready and Smart Card Reader.

*Stealth Mode immediately turns off all sounds and emitting lights while all programs remain running in the background.

DURABOOK QUICK SETTING CONTROL

It provides One-Key quick setting to all of your most frequently used functions, including System Information; WLAN, WWAN, Bluetooth, and GPS; Programmable button setting; Indication for BIOS/EC version and Stealth Mode/ Night Vision Mode setting.

Specifications

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| Rugged Features | <ul style="list-style-type: none"> ■ IP 65 Drop ■ MIL-STD 810G 516.6 Procedure IV, 26 drops from 5 feet height onto plywood over concrete ■ Vibration ■ MIL-STD 810G 514.6 Procedure I Cat. 24, Fig 514.6E-1, General Minimal Integrity ■ Salt and Fog ■ MIL-STD 810G Method 509.5 ■ I/O Hard Covers ■ MIL-STD 461F level 2 ■ Magnesium Alloy Chassis |
| Environment | <ul style="list-style-type: none"> ■ Temperature ■ Operating : -20°C~ 60°C (with HDD heater or extended temperature grade SSD) ■ Storage : -51°C~ 71°C ■ Humidity ■ Operating : 5% ~ 95% |
| Operating System | <ul style="list-style-type: none"> ■ Genuine Windows 10 Professional¹ |
| CPU | <ul style="list-style-type: none"> ■ Intel® Ivy Bridge i5 / i7 Series |
| Memory | <ul style="list-style-type: none"> ■ 4GB DDRIII (Max. 16GB) |
| Storage | <ul style="list-style-type: none"> ■ 2.5" SATA HDD 500/ 750 GB ■ mSATA SSD1 64G / 128G, support Rapid Start |
| Display | <ul style="list-style-type: none"> ■ 10.4" XGA (1024x768) TFT LCD with LED backlight ■ Resistive Touch Panel ■ Ambient Light Sensor ■ Built in G-sensor for display auto-rotation ■ Sunlight Readable 700 nits Display¹ ■ Digitizer with Dual-Touch feature¹ ■ Night Vision Mode² |
| Audio | <ul style="list-style-type: none"> ■ Intel High Definition Audio ■ 2 KHz Speaker x 1 / 80db ■ Microphone x 2 for Mic. Array |
| Camera | <ul style="list-style-type: none"> ■ Front facing 2MP camera ■ Rear facing 5MP auto-focus camera with flashlight, support GeoTagging¹ |



1. Optional items
2. Comply Night Vision Imaging System (NVIS) Type I class A
3. Support 1D/2D bar code reading, Angle : 38.9° (Horizontal), 25.4°(Vertical)

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| Communication | <ul style="list-style-type: none"> ■ 10/100/1000 Mbps Ethernet ■ Intel® Centrino® Advanced-N 6235 (802.11 a/b/g/n) & Bluetooth 4.0 ■ Gobi 3000 or LTE WWAN¹ ■ GPS¹ ■ G-sensor/ Gyroscope / E-compass¹ |
| Security | <ul style="list-style-type: none"> ■ Computrace® Ready ■ TPM 1.2 ■ Kensington Lock ■ FIPS 201 Certified Fingerprint Scanner¹ ■ Smart Card Reader¹ ■ Stealth Mode |
| Data Collection | <ul style="list-style-type: none"> ■ 1D or 1D/2D Barcode Scanner^{1, 3} ■ UHF RFID Reader^{1, 4} |
| Expansion Slots | <ul style="list-style-type: none"> ■ One PCMCIA Type II¹ ■ One SD Card slot (SDHC) ■ One Smart Card Reader |
| I/O Ports | <ul style="list-style-type: none"> ■ Two USB 3.0 ; One Mini USB 2.0 ■ One RS232 ■ One RJ45 ■ One Audio-Out for headphone ■ Docking Connector ■ DC-In ■ WWAN and GPS pass through connectors¹ |
| Battery | <ul style="list-style-type: none"> ■ Two Hot-swap Li-ion battery packs¹ ■ Primary 6 Cells 5200 mAh battery pack : 5~6 hrs⁵ ■ Secondary 6 Cells 5200 mAh battery pack : 5~6 hrs⁵ ■ Providing up to 12 hrs with two batteries^{1, 5} |
| AC Adaptor | <ul style="list-style-type: none"> ■ Input: 100V - 240V; 65W ■ Output: 19V |
| Dimension | <ul style="list-style-type: none"> ■ 285.6 mm (L) x 221.5 mm (W) x 41.5 mm (H) |
| Weight | <ul style="list-style-type: none"> ■ 2.3 Kg (5 lbs)⁶ |

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)

Accessories



▸ Vehicle Dock



▸ Office Dock



▸ Battery Charger



▸ 4-Point Shoulder Strap



▸ X-Strap