

# Trimble Yuma Rugged Tablet Computer

## KEY FEATURES

Outdoor rugged design

Intel Atom 1.6 GHz processor

32 GB solid state hard drive

Integrated WiFi b/g

Integrated Bluetooth 2.1

Integrated GPS

2 integrated cameras

ExpressCard slot

SDIO slot

7" sunlight readable touch screen display

Ultra light weight

Trimble, the world leader in outdoor rugged computing, brings you the new Trimble® Yuma® rugged tablet computer, able to withstand even your challenging work environment. Safeguard your software and data in the face of dust, sand, mud, humidity and extreme temperature. Conduct inspections, collect information, capture photos and communicate with headquarters, all with the assurance that your data is protected. If this sounds like your everyday reality, take a closer look at the Trimble Yuma rugged tablet computer.

### Survive-ability

The Yuma rugged tablet was designed to be fully functional in any outdoor environment – no matter how extreme.

Overcoming the elements presents an initial challenge, since water, dust and dirt easily threaten the internal components of all but the most rugged of outdoor computers. The Yuma rugged tablet features an ingress protection rating of 67 (IP67), meaning it's sealed against dust and has been water immersion tested for 30 minutes at a depth of one meter. Water and dust won't sideline your Yuma rugged tablet.

Shock, vibration and extreme temperature fluctuation present a second level of challenges to outdoor computing. Its rugged design incorporates a solid state hard drive, eliminating internal moving parts and providing protection against stress from impact and vibration. In addition, MIL-STD-810F specifications ensure that your Yuma rugged tablet computer survives bitter cold, blistering desert heat and everything in between – even accidentally launching your Yuma rugged tablet off the tailgate of your truck.

### Your one computer solution

What can you do with a Trimble Yuma rugged tablet that features an Intel® Atom™ 1.6 GHz processor, integrated WiFi, Bluetooth®, GPS, and two digital cameras, as well as SDIO and ExpressCard slots? With just this one computer you can...

- Collect and exchange data – lots of data
- Transfer data in real-time
- Run reports
- Receive dispatch orders on the road
- Take geo-tagged photographs
- Initiate VoIP communications
- Add secure memory for sensitive files
- Send email
- Write a report
- Find your way out of the forest

Whatever computing projects your work requires and wherever your work takes you, the Yuma rugged tablet meets the challenge. Go from the office to the truck to the field and back with one mobile computer. Plus, it works all day on one charge\*.

### Hello outdoor rugged

Whether your office is an oil drilling rig, a military outpost, a fire station, a warehouse, a barn, or a muddy log truck, the Trimble Yuma rugged tablet gives you everything you need to get the job done. Tough-as-nails survivability and uncommon versatility merge to create the ultimate one-computer solution. Trade your desktop PC in for a Trimble Yuma rugged tablet computer – designed for the rugged life you lead.

\* Applies to Extended Battery only. Based on 8-hour day with default settings.



# Trimble Yuma Rugged Tablet Computer

## STANDARD FEATURES

- Genuine Windows 7 Professional
- Intel Atom 1.6 GHz processor
- 1 GB DRAM
- 32 GB Solid State Hard Drive
- Sunlight readable color display
- 5 wire resistive touchscreen
- Rugged waterproof design
- Headphone/speaker mini-jack stereo
- Microphone/line-in mini-jack
- Outward facing autofocus 2 MP camera (video and photo)
- User facing 1.3 MP camera (video and photo)
- Integrated Bluetooth 2.1 Class 2
- Integrated WiFi b/g (Cisco certification pending)
- Integrated GPS
- SDIO memory slot
- ExpressCard 34 mm slot
- Standard Battery set (4 hours)<sup>1</sup>
- 12-month warranty

## STANDARD SOFTWARE

- User's Manual (electronic)
- Internet Explorer
- G-Camera software linked to GPS
- GPS receiver control software

## STANDARD ACCESSORIES

- AC charger with power cord
- Stylus pen
- Tether for stylus pen
- Hand strap
- Screen protectors
- Extended Cap
- Display Cleaning Cloth

## OPTIONAL ACCESSORIES

- Extended Battery Set (8-hour)<sup>1</sup>
- 12 V Vehicle Charger
- International Adaptor
- Pole Mount
- Tactical Vehicle Mount
- Office Docking Station (features a 2-bay extra battery charger)
- Lanyard for stylus
- Rugged Keyboard

## PHYSICAL

Size (LxWxH) . . . . . 5.5 in x 9 in x 2 in (14 cm x 23 cm x 5 cm)  
 Weight . . . . . 2.6 lb (1.2 kg) including strap and standard batteries  
 Colors . . . . . yellow w/ black or gray w/black  
 Housing . . . . . Mg-Al  
 Keys . . . . . six keys (power, enter, directional and 3 user programmable function buttons)

## ENVIRONMENTAL SPECIFICATIONS

### Meets or exceeds:

Water . . . . . Immersed in 1 m of water for 30 minutes  
 Water Jet 12.5 mm dia. @ 2.5 m-3 m, 100 Liter/min  
 MIL-STD-810F, Method 512.4, Procedure I  
 IEC-529, IP67  
 Sand & dust . . . . . 8 hours of operation with blowing talcum powder  
 MIL-STD-810F, Method 510.3, Procedures I, II  
 IEC-529, IP67  
 Drop . . . . . 26 drops from 4 ft (1.22 m) onto plywood over steel  
 6 additional drops at -22 °F (-30 °C)  
 6 additional drops at 140 °F (60 °C)  
 MIL-STD-810F, Method 516.5, Procedure IV  
 Vibration . . . . . General Minimum Integrity and Loose Cargo test  
 MIL-STD 810F, Method 514.5, Procedure I, II  
 Operating Temperature . . . . . -22 °F to 140 °F (-30 °C to 60 °C)  
 MIL-STD 810F, Method 501.4, Procedure II  
 MIL-STD 810F, Method 502.4, Procedure I, II, III  
 Storage Temperature . . . . . -40 °F to 158 °F (-40 °C to 70 °C)  
 MIL-STD 810F, Method 501.4, Procedure I  
 MIL-STD 810F, Method 502.4, Procedure I, II, III  
 Temperature shock . . . . . -22 °F/149 °F (-30 °C/+65 °C)  
 MIL-STD-810F, Method 503.4, Procedure I  
 Humidity . . . . . 90%RH temp cycle 32 °F/158 °F (0 °C/+70 °C)  
 MIL-STD-810F, Method 507.4  
 Altitude . . . . . 15,000 ft at 73 °F (22 °C) and 40,000 ft. at -22 °F (-30 °C)  
 MIL-STD-810F, Method 500.4, Procedures I, II, III

## ELECTRICAL

Processor . . . . . Intel Atom Z530 1.6 GHz processor  
 RAM Memory . . . . . 1 GB DDR2  
 Storage . . . . . 32 GB Solid State Hard Drive  
 Expansion . . . . . SDIO memory slot  
 ExpressCard 34mm slot  
 Display . . . . . 7" widescreen 1024x600 WSVGA 650 nit  
 Standard Batteries . . . . . Dual hot-swappable Lithium-Ion batteries,  
 2600 mAmp each  
 Extended Batteries . . . . . Dual hot-swappable Lithium-Ion batteries,  
 5100 mAmp each  
 I/O . . . . . USB 2.0 port (x2), 9-pin serial port (RS-232)  
 DC power port, 32-pin docking  
 External GPS Antenna via Vehicle Docking Station  
 Integrated Bluetooth . . . . . Billionton Bluetooth v. 2.1 + EDR Compliant  
 Class 2 (2.5 mW)  
 Integrated 802.11 b/g . . . . . Intel WiFi Link 5100 (CCX)  
 Integrated GPS . . . . . SiRF STAR III, WAAS capable

## CERTIFICATIONS:

MIL-STD-461E (RE102, RS103), RoHS compliant, MIL-STD-810F, IP67, TUV, C-Tick (Australia/New Zealand), FCC (US), CE (EU), IC (Canada), Section 508 compliant, CCXv4

<sup>1</sup> To ensure best performance when temperatures are below -4 F (-20 C), be sure battery is inserted in the device only when in use. When device is not in use at these temperatures, keep batteries in a pocket or stored in a warmer area.

Specifications subject to change without notice.

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