

# Trimble Yuma Rugged Tablet Computer

## KEY FEATURES

Outdoor rugged design

Intel Atom 1.6 GHz processor

Solid State Drive

Integrated Wi-Fi

Integrated Bluetooth 2.1

Integrated GPS

2 integrated cameras

ExpressCard slot

SDIO slot

7" sunlight-readable touchscreen

Light-weight to go anywhere

Trimble, the world leader in outdoor rugged computing, brings you the new Trimble® Yuma® rugged tablet computer. With a Windows 7 Professional operating system, it might be time to trade in your PC.

Crunch data in the field, conduct inspections, collect information, capture photos and communicate with headquarters, all with the assurance that your hard work is protected against water, dust, humidity, heat, cold, vibration and drop.

### Survive-ability

The Yuma rugged tablet was designed to be fully functional in any environment—no matter how extreme. 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. Shock, vibration and extreme temperature fluctuation present a second level of challenge to outdoor computing. The Yuma tablet has a rugged design that incorporates a solid state 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.

### Capability

What can you do with a Trimble Yuma rugged tablet that features an Intel® Atom™ 1.6 GHz processor, integrated Wi-Fi, Bluetooth®, GPS, two digital cameras, as well as SDIO and ExpressCard slots? When you combine all these features with the software development tools available for Windows 7, the possibilities are endless.

With the Yuma tablet you can:

- Collect data – lots of data – thanks to the large solid state hard drive.
- 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

Whether you develop applications or spend your day in the field, the Yuma rugged tablet will work for you. It works all day on one charge\*.

### Developer-friendly Windows 7 platform

The Windows 7 platform is the current standard in business operating systems. Worldwide, most developer kits run on Windows 7. The Trimble Technical Support team has the expertise to answer questions on specialized software applications, using the Yuma tablet's integrated features or to provide electrical information for creating a specialized accessory that connects to the Yuma tablet.

Tough-as-nails survivability and up-to-date computing specs meet to create the ultimate one-computer solution designed for the 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 or 80 GB Solid State 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 Wi-Fi b/g (CCXv4 compatible)
- Integrated GPS
- SDIO card slot
- ExpressCard 34 mm slot
- 12-month warranty

## STANDARD SOFTWARE

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

## STANDARD ACCESSORIES

- Battery set (standard or extended)<sup>1</sup>
- AC charger kit with international adapters
- Stylus pen
- Tether for stylus pen
- Hand strap
- Screen protectors
- Extended Cap
- Display Cleaning Cloth

## OPTIONAL ACCESSORIES

- 12- to 48-Month Extended Warranty
- 12 VDC Vehicle Charger
- Pole Mount
- Tactical Vehicle Mount
- Vehicle Docking Station (provides more connectivity options)
- 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, 4-way directional and 3 user-programmable function buttons)

<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.

© 2009–2012, Trimble Navigation Limited. All rights reserved. Trimble and the Globe & Triangle logo and Yuma are trademarks of Trimble Navigation Limited registered in the United States and in other countries. Microsoft, Windows, Windows 7 and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Trimble Navigation Limited is under license. All other brand names and trademarks are property of their owners. Color display images shown may vary slightly from actual display. PN 86935-11 (01/12)

## 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

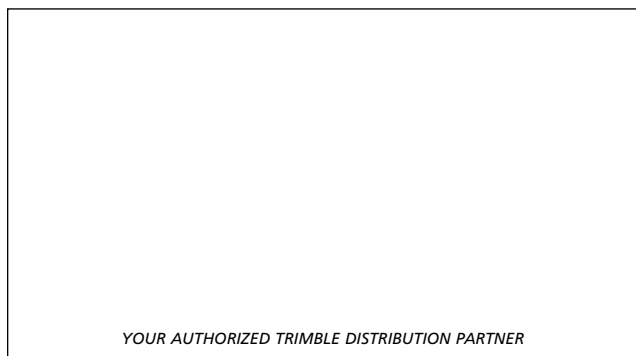
## ELECTRICAL

Processor ..... Intel Atom Z530 1.6 GHz processor  
 RAM Memory ..... 1 GB DDR2  
 Storage ..... 32 or 80 GB Solid State Drive  
 Expansion ..... SDIO card slot  
 ExpressCard 34mm slot  
 Display ..... 7" widescreen 1024x600 WSVGA 650 nit  
 Standard Batteries ..... Dual hot-swappable lithium-ion batteries,  
 2600 mAh each  
 Extended Batteries ..... Dual hot-swappable lithium-ion batteries,  
 5100 mAh hour each  
 I/O ..... USB 2.0 port (x2), 9-pin serial port (RS-232)  
 DC power port, 32-pin docking port,  
 External GPS antenna via optional Vehicle Docking Station  
 Integrated Bluetooth ..... Billionton Bluetooth v. 2.1 + EDR Compliant  
 Class 2 (2.5 mW)  
 Integrated 802.11 b/g ..... Intel Wi-Fi Link 5100 (CCX)  
 Integrated GPS ..... SiRFStarIII, 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

Part #	Color	RAM	Storage (SSD)	Bluetooth	Wi-Fi	GPS	Cameras (2)	Extended Batteries
YMA-FGS6AS-00	Gray	1 GB	32 GB	X	X	X	X	
YMA-FYS6AE-00	Yellow	1 GB	32 GB	X	X	X	X	X
YMA-FYS6AS-00	Yellow	1 GB	32 GB	X	X	X	X	
YMA-FGS8AS-00	Gray	1 GB	80 GB	X	X	X	X	
YMA-FYS8AE-00	Yellow	1 GB	80 GB	X	X	X	X	X
YMA-FYS8AS-00	Yellow	1 GB	80 GB	X	X	X	X	



YOUR AUTHORIZED TRIMBLE DISTRIBUTION PARTNER

Trimble Navigation Limited  
 P.O. Box 947  
 Corvallis, OR 97339  
 541-750-9200 Phone  
 handhelds@trimble.com  
 www.outdoorugged.com



www.trimble.com/rugged