DATASHEET

KEY FEATURES

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

Outdoor rugged design

7" sunlight readable touchscreen display

Ultra light weight

Trimble®, the world leader in outdoor rugged computing, brings you the new 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, 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 Vista® Business
- Intel Atom 1.6 GHz processor
- 1 GB DRAM
- 32 GB Solid State Hard Drive
- Sunlight readable color display
- Resistive touchscreen
- Rugged waterproof design
- Headphone/speaker mini-jack stereo
- Microphone/line-in mini-jack
- Front facing autofocus 2 MP camera (video and photo)
- User facing camera (1.3 MP)
- Integrated Bluetooth Class 2
- Integrated WiFi b/g (Cisco certified)
- Integrated GPS
- SDIO memory slot
- ExpressCard 34mm slot
- Standard Battery set (4 hours)[1]

STANDARD SOFTWARE

- User's Manual (electronic)
- Internet Explorer
- G-Camera software linked to GPS
- GPS 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)[1]
- Vehicle Charger
- International Adaptor
- Pole Mount Solution
- Tactical Vehicle Mount
- Office Docking Station (includes 2-bay extra battery charger)
- Lanyard for stylus
- Rugged Keyboard

PHYSICAL

Size . . . . 5.5" (L) x 9" (w) x 2" (H) (14 cm x 23 cm x 5cm)
Weight . . . . .2.6 lbs. (1.2 kg) (including strap and standard batteries)
Colors . . . . .yellow w/ black or gray w/black

ENVIRONMENTAL SPECIFICATIONS

Meets or exceeds:

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. . . . MIL-STD-810F, Method 503.4, Procedure I (–35 °C/+65 °C)
Humidity . . . . MIL-STD-810F, Method 507.4
90%RH temp cycle 0 °C/+70 °C
Water . . . . Immersed in 1 meter of water for 30 minutes
IP67, MIL-STD-810F, Method 512.4, Procedure I,
Water Jet 12.5 mm dia. @ 2.5–3 m, 100 Liter/min
Drop . . . . 26 drops from 4 ft (1.22 m) onto plywood over steel
MIL-STD-810F, Method 516.5, Procedure IV
6 additional drops at –22 °F (–30 °C)
6 additional drops at 140 °F (60 °C)
Sand & dust . . . . .8 hours of operation with blowing talcum powder
IP67, MIL-STD-810F, Method 510.3, Procedures I&II, IEC-529 IP-X6
Vibration. . General Minimum Integrity and the more rigorous Loose Cargo test
MIL-STD 810F, Method 514.5, Procedure I, II
Altitude. . . . . 15,000 ft at 73 °F (5°C) and 40,000 ft. at -30°C
MIL-STD-810F, Method 500.4, Procedures I, II & III

ELECTRICAL

Processor. . . . . .Intel Atom 1.6 GHz processor
Memory. . . . . 1 GB DRAM
Storage . . . . 32 GB Solid State Hard Drive
Expansion . . . . SDIO memory slot
ExpressCard 34mm slot
Display. . . . . 7" widescreen 1024x600 WSVGA 650nit
Standard Batteries . . . . .Dual hot-swappable Lithium-Ion batteries,
2600mAmp each
Extended Batteries. . . . . .Dual hot-swappable Lithium-Ion batteries,
5100mAmp 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
Radios . . . . .Integrated Bluetooth Class 2.1
Integrated WiFi b/g (Cisco certified CCX)
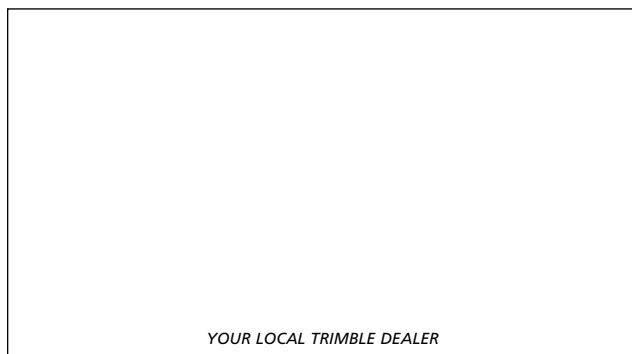Integrated SiRF STAR III GPS

CERTIFICATIONS:

MIL-STD-461E, RoHS compliant, MIL-STD-810F, IP67

1 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.

YOUR LOCAL TRIMBLE DEALER

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