BRING YOUR OFFICE TO THE FIELD FOR EFFICIENT GIS DATA MANAGEMENT

The Trimble® Yuma® 2 rugged tablet computer is designed for ease of use and high performance mobility. Great for GIS applications—it’s like bringing a complete PC out into the field. The big bright screen makes it easy to view and use detailed maps, and with more processing power, it is fast. Safeguard your data in the face of dust, sand, mud, humidity, and extreme temperatures. Collect information, capture photos, and communicate with headquarters, all with the assurance that your data is protected.

Built for GIS in the Real World

The Yuma 2 tablet is the answer for users looking for more computing power and screen size in the field. For data collection, inspection or maintenance, the Yuma 2 is a smart choice to run Trimble TerraFlex™, Trimble TerraSync™, and Trimble GPS Pathfinder® Office software for advanced GIS workflows. The tablet’s integrated GNSS receiver will deliver 2 to 4 meter accuracy in real time or after postprocessing. Or with the Yuma 2 enhanced GPS variant achieve 1 to 2 meter accuracy in real time. For more intensive, professional applications you can also combine the Yuma 2 with Trimble Pro 6 receivers—further enhancing accuracy and GNSS productivity with Trimble Floodlight™ technology.

For Professionals in the Field

The Trimble Yuma 2 tablet is designed to be fully functional in the outdoors. It offers everything you expect from a tablet computer—with the confidence that it will perform in the face of dust, sand, mud, humidity, and extreme temperatures. Collect information, capture photos, and communicate with your team, all with the assurance that your data is protected.

No matter how bright or direct the glare, the tablet’s full-color sunlight-readable touchscreen is clear and easy-to-read to optimize your experience with maps and detailed information.

The Trimble Yuma 2 is built rugged from the inside out, with IP65 protection and military-grade MIL-STD-810G certification for temperature, altitude, humidity extremes, vibration and shock the Yuma 2 survives bitter cold, blistering desert heat, and everything in between.

Your one computer solution

Featuring a Windows® 7 Professional operating system, 4 GB of RAM, and Intel® Atom™ 1.6 GHz processor, you can bring your office to the field and still run software applications fast and reliably. Connectivity via Bluetooth®, Wi-Fi and optional GSM 3.75G cellular data module enables efficient field to office workflows wherever your mobile workforce goes.

- Collect and transfer data—lots of data—in real time
- Receive dispatch orders on the road
- Navigate to where you need to be
- Take geo-tagged photographs
- Send email
- And much more…

In the field, on the job site, or on the road, whatever your GIS field work requires and wherever your GIS field work takes you, the Trimble Yuma 2 tablet meets the challenge.
**Trimble Yuma 2 Rugged Tablet Computer**

**STANDARD FEATURES**

**System**
- Microsoft® Windows 7 Professional operating system
- Intel Atom™ “Cedar Trail” N2600 dual-core 1.6 GHz processor
- 4 GB DDR3 DRAM
- 64 or 128 GB solid state drive
- Optional 3.75G cellular data
- Enhanced direct sunlight readable color display
- Multi-touch capacitive touchscreen
- Rugged design certified to IP65 and MIL-STD-810G
- 3.5 mm audio jack and integrated microphone and speaker
- Outward facing autofocus 5 MP camera with LED Flash, photo and video recording capable
- Integrated Bluetooth 4.0
- Integrated Wi-Fi b/g/n
- Wi-Fi Alliance Certified
- CCX (Version 4)
- Accelerometer and electronic compass
- High-sensitivity GPS/SBAS receiver and antenna
- Kensington security slot
- Status LEDs for power, battery, Wi-Fi and 3G Data

**Standard Accessories**
- Standard battery set (5+ hour)
- International AC charging kit with 4 adapters
- Capacitive stylus with tether
- Hand strap
- Display cleaning microfiber cloth
- Screen protectors

**OPTIONAL FEATURES**

**Optional Accessories**
- Extended battery set (10+ hour)
- Vehicle charger (12 - 32 VDC input)
- Tactical vehicle hard mount (dashboard)
- Light duty vehicle soft mount (dashboard)
- Screen protectors with cleaning cloth
- External GPS antenna with adapter (External GPS kit)

**TECHNICAL SPECIFICATIONS**

**Physical**
- Size (L x W x H) .......... 9.6 in x 6.3 in x 1.5 in (246 mm x 160 mm x 40 mm)
- Weight .......... 2.6 lb (1.2 kg) with standard batteries
- 3.0 lb (1.4 kg) with extended batteries

**Environmental**
- Operating temperature ........ –22 ºF to 144 ºF (–30 ºC to 60 ºC), MIL-STD-810G, Method 502.5, Procedure II & III (Low Temp. Operating)
- Method 501.5, Procedure II (High Temp. Operating)
- Storage temperature ........ –40 °F to 158 °F (–40 ºC to 70 ºC), MIL-STD-810G, Method 502.5, Procedure I (Low Temp. Storage)
- Method 501.5, Procedure I (High Temp. Storage)
- Humidity ........ Cycles between –22 ºF and 144 ºF (–30 ºC and 60 ºC) at 90% RH, MIL-STD-810G, Method 507.5, Procedure II (Humidity Aggravated Cycle)
- Water ........ Surveys driving rain and water spray, any direction
- Water Jet 0.25 in dia. @ 8.2 ft–9.8 ft, 3.3 gallons/min
- (Water Jet 6.3 mm dia. @ 2.5 m–3 m, 12.5 liter/min) IEC 60529, IP65
- Dust ........ Protected against dust: IEC 60529, IP65 dust chamber with under pressure
- Drops ........ Survives multiple 4 ft drops (1.22 m) MIL-STD-810G, Method 516.6 Procedure IV, Transit Drop
- Vibration ........ General minimum integrity and loose cargo tests MIL-STD-810G, Method 514.6, Procedure I, Category 5 (Vibration) (Vibration; Truck/Trailer-Loose Cargo Annex C, figure 514.6C-4, Table 514.6C-1, one hour)
- Altitude ........ MIL-STD-810G, Method 500.5, (Altitude) Procedure I, II & III Operational at 15,000 ft
- Temperature shock ........ Cycles between –22 ºF and 144 ºF (–30 ºC and 60 ºC) MIL-STD-810G, Method 502.5, Procedure I-C
- Chemical exposure ........ Resistant to mild alkaline and acid cleaning solutions fuel hydrocarbons, alcohols and common vehicle and factory machine lubricants

**Electrical**
- Processor ........ 1.6 GHz Intel Atom N2600 dual-core processor
- RAM memory ........... 4 GB DDR3 DRAM
- Storage ........ 64 GB or 128 GB SSD
- Display ........ 7” 1024 x 600 hybrid reflective and transmissive with capacitive touchscreen
- Battery ........ Smart batteries with LED power indicators.
- Standard battery ........ Two 7.5 V, 3000 mAh, 22 Wh
- Extended battery ........ Two 7.5 V, 6000 mAh, 45 Wh
- I/O ........ 3.5 mm audio jack, USB Host (2) HDMI docking station I/O plate, DC input power
- Radios ........ Bluetooth 4.0; Wi-Fi b/g/n
- WWAN ........ Pentaband GSM 3.75G cellular data

**GPS**
- Channels ........ 50 (L1 code/carrier 6 only)
- Integrated real-time .......... RTCM v2.3, SBAS
- Update rate ........ 1 Hz
- Protocols ........ RTCM v2.3, SBAS
- NMEA-0183, UBX binary
- External antenna .......... SMA port for optional antenna (external GPS kit)

**Accuracy (HRMS)**
- Real-time (RTCM or SBAS) ........ 2–4 m
- Real-time (Enhanced GPS variant, WAAS or EGNOS) ........ 1–2 m
- Code postprocessed ........ 2–4 m

**Certifications**
- FCC, CE, UL 60950, IC (Canada), RoHS compliant. RSS 210, CSA, RSS CSA C22.2, IEC 60950, C-Tick Mark for Australia and New Zealand

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1 SBAS (Satellite Based Augmentation System). Includes WAAS (Wide Area Augmentation System) available in North America only, EGNOS (European Geostationary Navigation Overlay System) available in Europe only, and MSAS available in Japan only.
2 Battery life affected by power settings, usage patterns and environmental conditions. Standard battery life approx. 40 °F to 158 °F (–40 ºC to 70 ºC), MIL-STD-810G, Method 502.5, Procedure I (Low Temp. Operating)
3 Standard battery life approx. 10 hours. To ensure best performance when temperatures are below freezing remove batteries. To ensure best performance when temperatures are above 50 °C (>120 ºC), keep batteries at room temperature before inserting in 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.
4 Required Trimble DeltaPhase technology, as supported in Trimble GPS Pathfinder Office software version 5.30 and later, and Trimble Terrasync software version 5.42 and later.
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Specifications subject to change without notice.