



Yuma 2

Rugged Tablet Computer

KEY FEATURES

Enhanced direct sunlight readable color display

7 inch multi-touch capacitive touchscreen

Windows 7 Professional operating system

4 GB DDR3 DRAM

Dual-core 1.6 GHz Intel Atom processor

GPS Receiver with 2 - 4 meter accuracy

5 MP Camera with autofocus, geo-tagging and LED light. Captures still and video images.

Accelerometer for screen rotation and electronic compass

Certified Trusted Processing Module (to allow encryption)

3.75G GSM and CDMA dual-mode cellular data option

Bluetooth® 4.0 and Wi-Fi b/g/n

Certified Rugged Performance Rating of IP65 and MIL-STD-810G

Fully rugged construction with Gorilla® Glass panel

Configurable options to best match data collection needs

Full-Day battery life



The Trimble® Yuma® 2 rugged tablet computer is designed for ease of use and high performance mobility with everything users expect from a tablet computer – along with the confidence that it will perform at optimum capability no matter where the workplace may be.

For Professionals in the Field

Unlike consumer products or tablets that have been given an exterior shell to make them “rugged,” the Trimble Yuma 2 is built rugged from the inside out, with IP65 protection from dust and water, and with military-grade MIL-STD-810G certification for temperature, altitude, humidity extremes, vibration and shock.

Using the Microsoft® Windows 7 Professional operating system and 4 GB of DDR3 DRAM, the Yuma 2 allows mobile users to work with the same documents and data as they do in the office. Connectivity via Bluetooth®, Wi-Fi and optional dual-mode GSM or CDMA 3.75G cellular data module enables manageable and efficient workflows wherever your mobile workforce goes. The Yuma 2 tablet computer includes a dual-core 1.6 GHz Intel Atom processor to run software applications fast and reliably.

The Yuma 2 includes two USB host ports, HDMI output and a matched set of long-life batteries for all day use in the field, with a set of even stronger extended life batteries available as an optional accessory. There are six keys including three user-programmable function buttons and a 5-way directional keypad.

For security, the Yuma 2 provides a built-in, certified Trusted Processing Module (TPM) encryption module to allow security programming for Wi-Fi and direct connect authentication. A Kensington security port provides your workers with the ability to physically secure the Yuma 2 using a variety of Kensington computer security products.

New Bright Sunlight Readable Display

The Yuma 2 features a new patent-pending dual technology display system created specifically to enhance the sunlight readability of the Yuma 2. No matter how bright or direct the glare, the Yuma 2 provides a clear, easy-to-read workspace. The full-color, seven inch screen resides under a Gorilla® Glass panel that is just as tough as the rest of the tablet.

With the multi-touch capacitive touchscreen, users can type with fingers, stylus or capacitive gloves and can control the size of the keyboard on the display for ease of use. Controlled zoom can optimize the user experience with maps and detailed information. The display can be used vertically or horizontally and is configurable to hold the orientation or to alter it in response to the accelerometer.

Distributed Asset Management

Today's far-flung business world relies on assets distributed across wide geographical areas and the Yuma 2 is designed for this reality.

The 5 megapixel camera provides video and photo capture with geo-tagging, and the GPS receiver with 2 - 4 meter accuracy makes it ideal for data collection in distributed asset management, work order management, fleet logistics and more.

Built for Work in the Real World

In the field, on the job site, on the road, or in the office, the Yuma 2 rugged tablet computer has the features you need to get important work done no matter where that work takes you.



Yuma 2 Rugged Tablet Computer

STANDARD FEATURES

- 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
- 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)
- GPS receiver, 2 - 4 meter accuracy with SBAS
- Accelerometer and Electronic Compass
- Kensington security slot
- Dual-Mode 3.75G WWAN Data Module optional
- Status LEDs for power, battery, Wi-Fi and 3G Data
- 12-month manufacturer warranty

STANDARD SOFTWARE

- Microsoft® Windows 7 Professional
- Internet Explorer
- Camera software with geo-tagging
- Trimble® GPS Information receiver control software
- User's Manual (electronic PDF)

STANDARD ACCESSORIES

- Standard Battery Set (8 hour)
- International AC Charging Kit with 4 adapters
- Capacitive Stylus with Tether
- Hand Strap
- Display Cleaning Microfiber Cloth

OPTIONAL ACCESSORIES

- Extended Battery Set (16 hour*)
- Vehicle Charger (12 - 32 VDC input)
- Tactical Vehicle Hard Mount (dashboard)
- Light Duty Vehicle Soft Mount (window)
- Screen Protectors with cleaning cloth
- Carrying Case
- USB to Serial Adapter
- GPS Adapter with SMA port
- External GPS Antenna Kit w/ Adapter
- Capacitive Touch Gloves
- Rugged USB Keyboard
- Pole Mount

ENVIRONMENTAL SPECIFICATIONS

Water: Survives 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, IPx5.

Dust: Protected against dust: IEC 60529, IP6x dust chamber with under pressure.

Drops: Survives multiple 4 ft drops (1.22 m) MIL-STD-810G, Method 516.6 Procedure IV, Transit Drop.

Operating Temperatures: +60 °C to -20 °C MIL-STD-810G, Method 503.5 Procedure 1-C.

Storage Temperatures: +70 °C to -40 °C Method 502.5 Procedure I, II & III.

Temperature Shock: -20 °C/+60 °C MIL-STD-810G, Method 503.5, Procedure I-C (Operating Temp Shock).

Humidity: MIL-STD-810G, Method 507.5, Procedure II (Humidity Aggravated Cycle, 90%RH temp cycle +30 °C/+60 °C).

Altitude: MIL-STD-810G, Method 500.5, (Altitude) Procedure I, II & III Operational at 15,000 ft.

Vibration: General minimum integrity and loose cargo tests. MIL-STD-810G, Method 514.6, Procedure I Procedure II, Category 5 (Vibration) (Vibration; Truck/Trailer-Loose Cargo, Annex C, figure 514.6C-4, Table 514.6C-1, one hour).

Solar Exposure: MIL-STD-810G, Method 505.5, Procedure II, Solar Exposure.

Chemical Exposure: Resistant to mild alkaline and acid cleaning solutions, fuel hydrocarbons, alcohols and common vehicle and factory machine lubricants.

PHYSICAL

Size (LxWxH) 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

Colors Yellow, Grey and Yellow & Grey
Keys Six keys (Logon, Power, Function, 3 user-programmable function keys) and 5-way directional keypad

Model	SSD	3.75G WWAN	GPS	IP Rating
C	64 GB		2 - 4 m	IP65
CL	128 GB		2 - 4 m	IP65
CX	64 GB	●	2 - 4 m	IP65
CLX	128 GB	●	2 - 4 m	IP65

HARDWARE SPECIFICATIONS

Processor: 1.6 GHz Intel Atom N2600 dual-core processor

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:** Two 7.5 V, 3000 mAh, 22 Wh

• **Extended:** 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

GPS Receiver: 2 - 4 meter accuracy (with SBAS)

Radios: Bluetooth 4.0; Wi-Fi b/g/n

WWAN: Penta-Band GSM and CDMA 3.75G dual-mode cellular data

*Battery life affected by environmental conditions. Standard battery life approx. 8 hrs; extended battery life approx. 16 hours

CERTIFICATIONS:

FCC, CE, UL 60950, IC (Canada), RoHS compliant. MIL461, RSS 210, CSA, RSS CSA C22.2, IEC 60950, C-Tick Mark for Australia and New Zealand.



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