Trimble Yuma 2 Rugged Tablet Computer

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

The Yuma 2 features the Microsoft® Windows 7 Professional operating system, 4GB of DDR3 DRAM, and a dual-core 1.6GHz Intel Atom processor to run software applications fast and dependably. Connectivity via Bluetooth®, Wi-Fi, and optional dual-mode GSM or CDMA 3.75G cellular data module enables convenient and efficient workflows wherever your mobile workforce goes. It includes two USB host ports, HDMI output, and a matched set of long-life batteries for all day use in the field. Extended life batteries are available as an optional accessory, providing 10+ hours of operation.

Security features on the Yuma 2 include a built-in, certified Trusted Processing Module (TPM) encryption module to allow security programming for Wi-Fi and direct connect authentication, and a Kensington security port to providing the ability to physically secure the Yuma 2 using a variety of Kensington computer security products.

The Yuma 2 features a dual technology display system created specifically to enhance the sunlight readability of the tablet for clear readability even in direct sunlight. It can be used by workers in the brightest outdoor conditions. 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 in portrait or landscape mode and is configurable to hold the orientation or to alter it in response to the accelerometer.

Choose 2-4 meter standard GPS or 1-2 meter Enhanced GPS capability for data collection in the field that cannot be surpassed by any other rugged tablet. There is no need for an extra antenna connection — the Yuma 2 offers GPS acquisition even in multi-path environments without compromising its rugged exterior — the antenna is incorporated into the tablet form factor. It includes an antenna connector for even more precise GPS data collection. Workers can gather data rapidly and efficiently with start-up times of less than 33 seconds from a cold start and less than 3 seconds in a warm start, making data acquisition part of a normal workflow.

Today's extremely mobile business world depends on assets distributed across wide geographical areas and the Yuma 2 is designed for this reality. The Yuma's 5 megapixel camera provides video and photo capture with geo-tagging. When used with either the standard, or Enhanced GPS solutions, there's a model that meets with data collection needs for distributed asset management, work order management, fleet logistics, and more.

Group Mobile™
Your Source For Rugged Mobile Computers

Product Specifications

Operating System:

- Windows 7 Professional

Processor:

- Intel Atom N2600 1.6 GHz dual-core

Storage:

- 64GB Solid State Hard Drive
- Optional 128GB solid state drive (Enhanced GPS: 128GB SSD only)

Memory:

- 4GB DDR3 DRAM volatile memory

Display:

- 7" 1024 x 600 hybrid reflective and transmissive (transflective) with capacitive touch screen

I/O Interface:

- 3.5 mm audio jack
- USB Host (x2)
- HDMI
- Docking station I/O plate
- DC input power

Wireless:

- Bluetooth 4.0
- Wi-Fi b/g/n
- Optional WWAN: Penta-Band GSM and CDMA 3.75G Data only module

Camera:

- Outward facing autofocus 5 MP camera with LED Flash, photo and video recording capable

GPS Receiver:

- 2-4 meter accuracy (with SBAS)
- Optional 1-2 meter accuracy (with SBAS)

Keyboard/Input:

- Multi-touch capacitive touchscreen accepts imput from fingers, stylus, or capacitive gloves

Audio:

- 3.5mm audio jack and integrated microphone and speaker

Power Supply:

- Smart batteries with LED power indicators.
- Standard: Two 7.5 V, 3000 mAh, 22 Wh
- Optional Extended: Two 7.5 V, 6000 mAh, 45 Wh

Standard Accessories:

- Standard Battery Set (5+ hour)
- International AC Charging Kit with 4 adapters
- Capacitive Stylus with Tether
- Hand Strap
- Display Cleaning Microfiber Cloth

Optional Accessories:

- Extended Battery Set (10+ 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

Software:

- Microsoft Windows 7 Professional
- Internet Explorer
- Camera software with geo-tagging
- Trimble GPS Information receiver control software

Dimensions & Weight:

- 9.6" x 6.3" x 1.5"
- 2.6 lbs. (3.0lbs with extended batteries)

Color:

- Yellow
- Gray
- Yellow and Gray

Durability Features:

- IP65 (water, sand, and dust)
- MIL-STD 810G (temperature shock, humidity, water, drop, sand, dust, vibration, and altitude)

Environmental Specifications:

- Water: Survives driving rain and water spray, any direction. Water Jet 0.25 in dia. @ 8.2ft–9.8ft, 3.3 gallons/min
- Dust: Protected against dust: IEC 60529, IP6x dust chamber with under pressure.
- Drops: Survives multiple 4ft drops (1.22m) MIL-STD-810G, Method 516.6 Procedure IV, Transit Drop.
- Operating Temperature: -30 °C to +60 °C MIL-STD-810G, Method 502.5 Procedure II & III (Low Temp, Operating); Method 501.5, Procedure II (High Temp Operating)
- Storage Temperature: -40 °C to +70 °C MIL-STD-810G, Method 502.5 Procedure I (Low Temp Storage), Method 501.5, Procedure I (High Temp Storage)
- Temperature Shock: Cycles between -30 °C/+60 °C MIL-STD-810G, Method 503.5, Procedure I-C (Operating Temp Shock).
- Humidity: Cycles between -30 °C/+60 °C, MIL-STD-810G, Method 507.5, Procedure II (Humidity Aggravated Cycle, 90%RH temp cycle +30 °C/+60 °C).
- Altitude: Operational at 15,000ft (4,572m) at 23°C, MIL-STD-810G, Method 500.5, (Altitude) Procedure I, II & III
- 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-I, 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.

Warranty:

- 12-month limited warranty

Consider purchasing these additional items to make your new portable computer more efficient, convenient, and a complete mobile solution. Pricing and information specific to your make and model can be found on our website, or you can discuss your options with your sales professional for expert guidance and suggestions. Not all of these additional items are available for all types or brands of portable computer.

Additional RAM Memory: Adding additional RAM memory is often the easiest and least expensive way to upgrade your computer for a significant boost in performance. The computer's RAM memory is its workspace, or where all of the instructions it needs to act on are stored temporarily.

Additional Storage: A computer's hard drive stores your operating system, programs and files. Hard drive space is measured in gigabytes (GB) and the higher the GB level the greater the collective file size of everything you can save on the computer. Some computer models offer spare, removable hard drives, while others offer an external hard drive.

External Drives: Some computer models come with a DVD/CD Multi drive, meaning you can read and write CD's and DVD's. Other computer models require an external USB drive. Also, some manufacturers offer an external floppy disk drive.

Power Options: Having additional power options available will keep you from running out of power at just the wrong time, there are several options available:

Additional AC Adapter – A convenient extra AC Adapter with Power Cord allows you to keep one at home and one at the office, no need to carry it back and forth.

Automobile Adapter – The automobile power adapter, also known as a cigarette lighter adapter, allows you to power your portable computer while in your vehicle, as well as charge your battery. Some of these adapters can also be used on an airplane.

External Battery Charger – The external battery charger allows you to keep your battery charged, it does not come with an AC Adapter – you can use the one that comes with the computer or purchase an additional one.

Spare Batteries - Purchase additional or replacement batteries to ensure you will always have one available. Some computers also have a place for a secondary battery, such as in the media bay. Check with your sales professional if you would like more information on these options for your model.

Mobile Printers and Scanners - A mobile printer or scanner increases your efficiency, no more running back to the office to print documents or receipts or to scan information to your computer. Our lineup of mobile printers are ready to go anywhere, they are small, lightweight, and available in different output sizes. Whether you need a full size page or just a receipt, we have the mobile printer or scanner for you.

Security Options – Keeping your investment secure is a priority, and there are several options available. Depending on the computer & model these include fingerprint scanner, smartcard reader, cable lock slot etc.

ComputraceComplete – (LoJack for your portable computer) – Computrace works behind the scenes to silently and securely contact the Absolute Monitoring Center. Using any type of internet connection, the computer makes contact every 24 hours to report its location. If a computer is reported missing or stolen, the machine is flagged to call in every 15 minutes and then the Absolute Recovery Team goes to work. The team provides law enforcement with tracking information to pinpoint the physical location of the computer and documentation needed to obtain subpoenas and procure search warrants. However, not every computer manufacturer offers computrace.

Targus DEFCON Notebook Computer Locks – The Targus DEFCON Notebook Computer Lock comes in either a cable or key lock. The lock is a 6 ft. steel cable that is cut resistant galvanized steel and can be wrapped around any secure object and attached to your cable lock slot that is built into most notebook computers. Any attempt to remove the lock will visibly damage the computer, preventing resale therefore discouraging theft. Don't let your computer be one of the nearly 1,000 portable computers stolen every day.

Other Accessories – There are many accessory items available to make using your computer more convenient and efficient, as well as user friendly. Some of these items include: carry cases designed for your model, port replicators making it easy

to create a "desktop" environment or adding additional ports to your computer, extra stylus pens so a misplaced or forgotten pen won't slow you down, and protector films to ensure your display screen stays clear and clean.

Vehicle Docks and Mounts - Vehicle mounts hold your computer safely in place and allow for safe and comfortable use while in a vehicle. With custom fit bases, height adjustable poles, and docking station and you can run antennas, use the vehicle battery or add other peripherals for a complete mobile solution.

Warranty Extensions & Upgrades – Some warranty options and upgrades are only available at time of product purchase, but there are some manufacturers that will allow upgrades or extensions to be purchased at a later time.

Product Shots

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