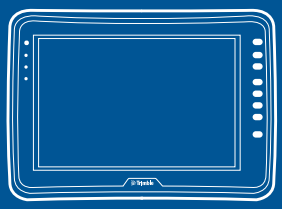

Kenai

Rugged Tablet Computer

KEY FEATURES

Microsoft® Windows® 10 Professional

10.1" Gorilla® Glass sunlight readable full-color display

4G LTE WWAN data capability

Choice of standard (up to 5 hours) or extended (up to 10 hours) batteries, with hot-swappable capability to meet your full workday needs

Fully Rugged IP65 and MIL-STD-810G

RS 232 DB 9 Serial Port

Connectivity options: Wi-Fi, Bluetooth, and/or 4G LTE data GSM WANN

1.46GHz dual-core Intel processor

8MP camera with LED flash for photos and videos

Integrated GPS 2-4 m (6-13 ft)

Encryption options

Two-year standard warranty

Built for mobile workers in any environment

The Trimble® Kenai™ tablet is a reliable, rugged, mobile computer designed for ease of use and high performance in the field. This is the tablet for those mobile workers who need a computer they can count on no matter where the job takes them, or how long they have to stay in the field to get the job done.

PROFESSIONAL GRADE

Featuring the Microsoft® Windows® 10 Professional operating system, powered by a 1.46GHz dual-core Intel® Atom™ E3826 processor, the Kenai brings professional-grade computing to the field.

The Kenai provides up to 8 GB of DDR3 DRAM for all the memory needed.

Mobile workers who require large screens for forms and documents have the advantage with a capacitive multi-touch display that is for finger, glove-sensitive, or can be customized for stylus performance.

For field mapping, imagery and asset management, the Kenai comes standard with an Integrated GPS Receiver and antenna supporting several ancillary GNSS protocols (L1 GPS, SBAS, GLONASS, BeiDou) providing accuracy in the range of 2-4 meters (6-13 feet). In addition, it supports connecting an external GPS antenna and cable that can be utilized when users are on foot or inside a vehicle.

Take photographs and video of business resources and assets in the field to provide clear status visuals, and geotag to provide security as well as business intelligence. Communicate it immediately to management and meet compliance and auditing requirements in an easy, accurate computerized record.

DESIGNED FOR TOUGH WORK REQUIREMENTS

The Kenai brings together a fully-rugged enclosure, and a host of options. Built fully rugged to IP65 standards for dust and water, and the latest MIL-STD-810G standards for drops, shock, vibration, humidity, rain or dusty conditions, Trimble Kenai was created for hard work by hard working professionals, anywhere.

With impressive full-color outdoor view-ability even in the brightest sunshine, the 10.1" WUXGA display is under Corning® Gorilla® Glass and will not be affected by rain. The tablet is also tested against prolonged solar exposure.

Designed to last for all-day performance, the Kenai boasts hot-swappable batteries so the tablet can keep going from shift to shift. Lengthen your work day with extended batteries and charge batteries in the field or office.

CONNECTIVITY AND SECURITY

Fully cloud-capable, the Kenai provides connectivity options including Bluetooth®, Wi-Fi and 4G LTE GSM WWAN data module capability. Communicate data collected in the field in real-time through secure high speed data transfer, and access and work on the same documents and data as in the office. For security, the Kenai provides a built-in, certified Trusted Processing Module (TPM) encryption module to allow security programming for Wi-Fi and direct connect authentication. The tablet is FIPS compliant for security in a variety of mobile device management applications, and also has a Kensington Security Slot to provide field data safety.

The Kenai is designed to be easily connected to the other computer equipment most businesses use. It comes standard with an RS 232 DB 9 Serial Port as well as 2 USB 2.0 connectors. There is also an Office Docking Station for the Kenai that allows connectivity with USB peripherals such as mice, keyboards and HDMI monitors even as it's charging. A fully rugged vehicle docking station is also available.

The Kenai comes with a standard two year warranty that can be extended so business can be assured of ROI through years of performance.

The Kenai is everything mobile workers require from a rugged tablet computer in the field – built with Trimble reliability for confidence that it will perform at optimum capability no matter where the workplace may be.

Trimble®

Kenai Rugged Tablet Computer

STANDARD FEATURES

- Microsoft® Windows® 10 Professional
- Intel® BayTrail-I Atom E3826 1.46GHz dual-core processor
- Wi-Fi 802.11 a/b/g/n
- Bluetooth® 4.0
- L1 GPS, GLONASS and BeiDou with SBAS (WAAS, EGNOS, MSAS)
- 10.1" full color sunlight readable display: WUXGA [1920 x 1200]; 1,000 NITS
- 10-point multi-touch capacitive touchscreen
- IP65 Water and Dust ingress protection rating
- Rugged design certified and tested to MIL-STD-810G standards
- 3.5 mm audio jack and integrated microphone and speaker
- RS 232 DB 9 Serial Port
- 8MP camera with LED flash; supports video
- Kensington security slot
- FIPS 140-2 Compliance
- Hot swappable battery
- Programmable keypad, with LEDs for power and battery charge status
- 2 year standard warranty

CONFIGURATION OPTIONS

- WWAN: GSM, 4G LTE data only
- Memory: 4 GB or 8 GB DDR3 DRAM
- User Storage: 128 GB or 256 GB SSD

SOFTWARE COMPATIBILITY

- Microsoft Windows 10 Professional Operating System comes bundled with many free software applications and utilities, and users have access to over 120,000 applications available through the Windows Store as well as custom enterprise software applications.

STANDARD INCLUDED ACCESSORIES

- Standard battery pack (49 Whr/5 hours*)
- International AC Charger
- Capacitive stylus and tether
- Screen protector with cleaning cloth

OPTIONAL ACCESSORIES

- Extended battery pack (98 Whr/10 hours*)
- External battery pack charger
- Desktop docking station
- DC charger (12V/24Vdc)
- Carry case
- Hand strap
- Screen protector and cleaning kit
- Pole mount
- Capacitive touch gloves
- USB keyboard
- In-vehicle docking station (12V/24Vdc)
- GPS/GNSS antenna adapter
- In-Vehicle mounting kit

PHYSICAL

Size (LxWxH).....298mm x 206mm x 43mm (11.7in x 8.1in x 1.7in)

Weight..... standard battery - 1.6 kg (3.5 lb) extended battery - 1.8 kg (4.0 lb)

ENVIRONMENTAL RANGE

(Tested to MIL-STD-810G test standards as noted)

Operating temperature: –30 °C to 55 °C (–22 °F to 130 °F) MIL-STD-810G Method 502.5, Procedure II & III (Low Temp. Operating)
MIL-STD-810G Method 501.5, Procedure II (High Temp. Operating)

Storage temperature: –40 °C to 70 °C (–40 °F to 158 °F) MIL-STD-810G Method 502.5, Procedure I (Low Temp. Storage)
MIL-STD-810G Method 501.5, Procedure I (High Temp. Storage)

Humidity: 90% RH, MIL-STD-810G Method 507.5, Procedure II (Humidity Aggravated Cycle)

Water & Dust Ingress: IP65, IEC 60529 (Protected against dust, survives driving rain and water spray from any direction)

Drops: Survives multiple 1.22 m (4 ft) drops, 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 Procedure II, Category 5 (Vibration) (Vibration; Truck/Trailer-Loose Cargo Annex C, figure 514.6C-4, Table 514.6C-I, one hour)

Altitude: Operational at 4,572 m (15,000 ft), MIL-STD-810G, Method 500.5, (Altitude) Procedure I, II & III

Temperature Shock: Survives cycles between –30 °C and 60 °C (–22 °F and 144 °F), MIL-STD-810G, Method 503.5, Procedure I-C

Solar Exposure: Survives prolonged solar exposure, MIL-STD-810G, Method 505.5, Procedure II, Solar Exposure

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

SYSTEM

Processor: Intel BayTrail-I Atom E3826 1.46GHz dual core
RAM Memory: 4 GB or 8 GB
User Storage: 64 GB, 128 GB or 256 GB SSD
Display & Touch: 10.1" full color sunlight readable WUXGA (1920 x 1200), multi-touch capacitive touch panel, 1.3 mm Corning® Gorilla® Glass Panel
Standard Battery Pack: 10.8V 4.5mAh, 49Whr/5 hour
Extended Battery Pack: 10.8V, 9.1mAh, 98Whr/10 hour
Audio: Internal mono speaker and microphone
I/O: 3.5 mm audio jack, USB 2.0 Host (2), RS232, docking station I/O plate, DC input power
Wireless: Bluetooth® 4.0
WLAN: Wi-Fi (802.11 a/b/g/n)
WWAN Modules:
Americas: 4G: LTE-FDD, HSPA+, GSM/GPRS/EDGE
(Frequency bands B1, B2, B4, B5, B8, B13, B17, B25, BC0, BC1, BC10)
EMEA, Australia, New Zealand: 4G: LTE-FDD, HSPA+, GSM/GPRS/EDGE
(Frequency Bands B1, B2, B3, B5, B7, B8, B20)
Sensors: Gyro, accelerometer, e-compass, ambient light sensor
Location: L1 GPS, GLONASS or BeiDou. Accuracy: 2-4 meter (6-13 feet) Supports real-time DGPS: RTCM v2.3 or SBAS.
GNSS Protocols: NMEA-0183, SBAS (WWAS, EGNOS, MSAS) UBX binary.

CERTIFICATIONS:

FCC, CE, UL 60950, IC (Canada), RoHS compliant. MIL461, RSS 210, CSA, RSS CSA C22.2,IEC 60950, A-Tick, C-Tick, Wi-Fi Alliance Certified, MIL-STD-810G, IP65, GSM AT&T network compatible.

*Battery life affected by power settings, usage patterns and environmental conditions. Standard battery life approx. 5 hours; extended battery life approx. 10 hours

Note: Specifications subject to change without notice.

CONFIGURATIONS

Model	Memory		SSD Drive			4G LTE WWAN	
	4 GB	8 GB	64 GB	128 GB	256GB	None	Option
KEN46	•		•			•	
KEN88		•		•			•
KEN89		•			•		•

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