

TRIMBLE TABLET RUGGED PC

KEY FEATURES

Fully rugged construction including Gorilla® Glass panel display

7 inch capacitive touch **dual technology display system** delivers enhanced sunlight readability

Windows 7 Operating system **brings the office to the field**

Built-In 5MP camera for unprecedented image documentation

Integrated communication technology **provides increased connectivity**

Optimized for Trimble Access field software for survey workflow support

A TABLET MADE FOR SURVEYING

Now there is no need to choose between the toughness and portability of a field controller and the operating power of a laptop—the Trimble® Tablet Rugged PC is the one controller that does it all. Designed for ease of use and high performance mobility, the rugged Trimble Tablet provides everything you expect from a tablet computer—plus the confidence that it will perform at optimum capability for surveying applications and withstand the toughest conditions. Paired with Trimble® Access™ field software, the Trimble Tablet fully supports your everyday workflows and unique requirements.

HIGH PERFORMANCE MOBILITY

In the field, the Microsoft® Windows 7 Professional operating system, 4 GB RAM, and 128 GB of flash-based storage onboard the Trimble Tablet allow you to run all of the applications you need to perform office work. The dual-core 1.6 GHz Intel Atom processor enables software applications to run fast and reliably. With the power and convenience to run office software while on the job site, you can check your work and deliver to clients without a trip back to the office.

Connectivity via Bluetooth®, Wi-Fi and a built-in 3.75G GSM cellular data modem enables manageable and efficient workflows from the field so you can stay connected no matter where you may be. The Trimble Tablet's ultralong-life lithium-ion battery ensures a full day of field computing and connectivity on a single charge.

DUAL TECHNOLOGY DISPLAY SYSTEM

The Trimble Tablet features a new patent-pending dual technology display system created specifically to enhance sunlight readability, as well as readability in no light at all. No matter how bright or direct the glare, the Trimble Tablet provides a clear, easy-to-read workspace.

With the multi-touch capacitive touchscreen, you can type with your fingers, stylus or capacitive gloves. Plus, you have the capability to control the size of the keyboard on the display for ease of use. Controlled zoom can optimize your experience with maps and detailed information. The responsive touch screen expedites pointing and selecting.

INCREASED DATA VISUALIZATION AND DOCUMENTATION

The 7 inch Gorilla® Glass display of the Trimble Tablet makes viewing data, maps, and applications much easier—it is like taking an office computer to the job site. Take control with full background maps and a vibrant color graphic display. The capacitive touch display also improves the viewing of photos and video captured through Trimble VISION™ technology. Greater data visualization in the field improves your ability to move fast and make the right decisions.

Unlock the full potential of applications that include highly visual data and graphic interfaces. The Trimble Tablet can run a vast range of office and field applications.

Unprecedented documentation is now in your hands. Document your job sites right from the controller using the Trimble Tablet's built-in 5MP camera with autofocus and built-in flash capabilities. Integrated GPS allows you to geo-tag each photograph accurately recording the location of each image without extra steps.

Trimble VISION technology brings the instrument telescope to your field controller. Using live video and remote control, you see what the instrument sees. High-quality video and digital zoom make it easy to identify survey targets. Collect measurements and geo-tagged images for use throughout your Trimble surveying system.

RUGGED FROM THE INSIDE OUT

The Trimble Tablet provides exceptional versatility, efficiency, and portability. Ruggedized for any job in any weather, the Trimble Tablet holds an environmental rating of IP65 and operates in extreme temperatures of -30 °C to +60 °C (-22 °F to +144 °F). It can also withstand a pole drop of 1.22 m (4.0 ft) onto a hard surface. Worried about the screen cracking or breaking? The full-color, seven inch screen resides under a Gorilla Glass panel that is just as tough as the rest of the tablet.

DESIGNED TO SUPPORT YOUR DAILY WORKFLOWS

Trimble Access field software available on the Trimble Tablet offers numerous features and capabilities to streamline the flow of everyday surveying work. Streamlined workflows—such as Roads, Monitoring, Mines, and Tunnels—guide crews through common project types and allows crews to get the job done faster with less distractions.

Survey companies can also implement their unique workflows by taking advantage of the customization capabilities available in the Trimble Access Software Development Kit (SDK). The Trimble Access SDK provides software developers with the tools to customize and extend Trimble Access. Partner the Trimble Tablet with a Trimble R10, Trimble R8, or Trimble R6 GNSS receiver for a complete system solution that meets your requirements.

No matter what your job asks you to do—measure a point or produce a deliverable—you can do it on your Trimble Tablet.



TRIMBLE TABLET RUGGED PC

DATASHEET

STANDARD SOFTWARE

Microsoft Windows 7 Professional Operating System including:

- Internet Explorer
- Camera software with geo-tagging
- Trimble GPS information receiver control software
- User's Manual (electronic PDF)

STANDARD ACCESSORIES

- Extended battery set
- International AC charging kit
- Capacitive stylus w/tether
- Wrist strap
- Display cleaning microfiber cloth

OPTIONAL ACCESSORIES

- Vehicle charger (12 V DC–32 V DC input)
- 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
- Trimble headset
- Tactical vehicle hard mount (dashboard)
- Light duty vehicle soft mount (window)

All standard accessories are also available to order separately.

PHYSICAL SPECIFICATIONS

Size: 246 mm x 160 mm x 40 mm (9.6 in x 6.3 in x 1.5 in)
Weight: 1.2 kg (2.6 lb), with standard battery
1.4 kg (3.0 lb), with extended battery

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.

ENVIRONMENTAL SPECIFICATIONS

Temperature:
Operating: –30 °C to 60 °C (–22 °F to 144 °F)
Storage: –40 °C to 70 °C (–40 °F to 158 °F)
Temperature shock: Cycles between –30 °C and 60 °C (–22 °F and 144 °F), MIL-STD-810G, Method 503.5, Procedure I-C
Water: Survives driving rain and water spray, any direction.
Water Jet 6.3 mm dia. @ 2.5 m–3 m, 12.5 Liter/min,
(Water jet 0.25 in dia. @ 8.2 ft–9.8 ft, 3.3 gallons/min)
IEC 60529, IPx5.
Dust: Protected against dust, IEC 60529 IP6x,
dust chamber with under-pressure
Drops: Survives multiple drops of 1.22m (4 ft),
MIL-STD-810G, Method 516.6, Procedure IV, Transit Drop
Humidity: 90% relative humidity with temperatures
between 30 °C and 60 °C (22 °F and 144 °F),
MIL-STD-810G, Method 507.5, Procedure II
Altitude: 4,572 m (15,000 ft) at 23 °C (73 °F)
to 12,192 m (40,000 ft) at –30 °C (–22 °F),
MIL-STD-810G, Method 500.5, Procedure I, II & III
Vibration: General minimum integrity and loose cargo tests,
MIL-STD-810G, Method 514.6, Procedure I & II, Category 5
Solar Exposure: Survives prolonged UVB exposure,
MIL-STD-810G, Method 505.5, Procedure II
Chemical Exposure: Resistant to mild alkaline and acid cleaning solutions,
fuel hydrocarbons, alcohols and common vehicle
and factory machine lubricants

ELECTRICAL SPECIFICATIONS

- Processor: 1.6 GHz, Intel Atom N2600 dual-core processor
- Memory: 4 GB DDR3 DRAM
- Storage: 128 GB SSD
- Display:
 - 7 in, 1024 x 600 hybrid reflective and transmissive
 - Sunlight-readable Gorilla Glass display
 - Capacitive multi-touch interface
- 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
- Wireless:
 - Bluetooth 4.0
 - Wi-Fi b/g/n
 - WWAN: Penta-Band GSM 3.75G cellular data
- Camera/GPS/Compass/Accelerometer
 - 5 megapixel camera with LED flash, photo and video recording capable
 - GPS Receiver: 2–4 m accuracy with WAAS/SBAS correction
 - Integrated Electronic Compass
 - Integrated Accelerometer

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Specifications subject to change without notice.





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