

Trimble Juno T41 Rugged Handheld / Smartphone

The Trimble® Juno® T41™ is a powerful, connected, and compact solution for mobile workforces. The Juno T41 delivers the convenience and ease-of-use of a smartphone, with durability and long-term support that smartphones simply do not offer. Its slender, ergonomic design is easy to grip and allows for all-day use by hard-working professionals and consumers in demanding environments.

The Juno T41 has voice, SMS text, and 3.75G cellular data transfer capabilities on GSM cellular networks worldwide. Users can upload and download data from the cloud using Wi-Fi or WWAN connections. The 8 megapixel camera can automatically include time and location data from the GPS receiver. The Juno T41 includes a 1GHz processor with 512 MB RAM to run software applications quickly and dependably.

The Juno T41 is designed to be long-lasting, from the battery to the processor, and to work through demanding situations that would sideline lesser smartphones. The lithium-ion polymer battery lasts all day for most users, and an optional external battery pack is available for solutions requiring all-day wireless connectivity and processor-intensive applications. It can withstand water, dust, shock, drop, vibration, and extreme temperatures. The Juno T41 features a Gorilla® Glass panel to survive hostile conditions in the field.

The 4.3" high resolution capacitive touchscreen display is sunlight-readable and brilliantly clear. Multi-touch support allows complex selections and controlled zoom to optimize the user experience with maps and detailed information. A capacitive stylus is available as an optional accessory. Physical connection to other electronic devices is supported via the Juno T41's custom connector. This custom connector allows for the slim design while providing easy connectivity to a USB device, a 9-pin Serial device or a battery charger.

Software Developer Kits for both the Windows Embedded Handheld and the Android operating systems enable custom application software to easily interface with the many built-in sensors, radios, and data ports of the Juno. Live technical support is available for systems integrators and software developers. The Juno T41 standard software includes Trimble applications that enable user control of integrated features.

Smartphones were designed to be convenient and easy-to-use, but they weren't designed for rugged environments. With the Juno T41, users no longer have to juggle a smartphone and a rugged computer, or worry about which device carries what data. On the job site, on the road, in the office or at home, the Juno T41 handheld has the features needed to stay productive, informed, and in touch.



Product Specifications

Operating System:

- Windows Embedded Handheld 6.5
- Android 2.3.4 "Gingerbread"
- Language Support: Chinese (Simplified), English, French, German, Italian, Japanese, Korean, Portuguese, Russian or Spanish

Processor:

- 800MHz or 1GHz, Texas Instruments DM3730

Storage:

- 8GB or 16GB, non-volatile

Memory:

- 256MB or 512MB

Display:

- 4.3 in (10.9 cm), 480 x 800 pixel, WVGA TFT
- Sunlight-readable Gorilla Glass display
- Light sensor to auto-adjust display brightness
- Capacitive multi-touch interface

Wireless:

- Optional integrated 3.75G cellular data, text and voice capability
- Bluetooth 2.1 with Enhanced Data Rate
- Wi-Fi (802.11 b/g/n)
- GPS Receiver, 2-4 meter accuracy (WAAS/SBAS Capable)
- MCX port for optional External GPS Antenna

I/O Interface / Ports:

- 3.5 mm headset jack with audio capability
- Custom Port that supports USB 2.0 Host
- USB Client
- 9-pin Serial
- 5.6 V (5.0 V to 5.9 V) DC input power

Expansion Slots:

- MicroSD memory card slot (supports SDHC up to 32GB)
- SIM card slot

Integrated Features:

- 8 megapixel camera with geo-tagging and dual LED flash
- Integrated speaker and microphone

Power Supply:

- 3.7 V, 3.3 Ah, 12.2 Wh, Lithium-ion polymer
- International AC charging kit

Windows Embedded Handheld Software:

- Trimble SatViewer (GPS interface application)
- Trimble CellStart (WWAN configuration application)
- Microsoft Office Mobile 2010 (Word Mobile, Excel Mobile, PowerPoint Mobile, Outlook Mobile)
- Internet Explorer Mobile 6
- Microsoft My Phone with SMS Text Messaging
- Camera control application
- Flashlight mode control application
- Calculator
- Calendar
- Microsoft Pictures & Videos
- Windows Media Player
- Windows Live Messenger
- Microsoft Task Manager & Notes
- Adobe Reader LE 2.5

Android Software:

- Trimble Outdoors Navigator
- Email
- Phone & SMS Text Messaging
- Picture & Video Gallery
- Multimedia Player
- Web Browser
- Camera control application
- Flashlight mode control application

Android Software:

- Software Developer Kit with documentation for WEH 6.5
- Software Developer Kit with documentation for Android 2.3.4

Standard Accessories:

- International AC Charging Kit
- T41 USB Cable
- Wrist Strap
- Ultra Clear Screen Protectors (qty 2) Kit
- Quick Start Guide

Other Accessories:

- 9-pin Serial Adapter
- USB Host Adapter
- Capacitive Stylus with Tether
- External Battery Pack
- Port Cover
- Ultra Clear Screen Protectors (qty 10) Kit
- Anti-reflective Screen Protectors (qty 2) Kit
- Vehicle Charging Kit
- Capacitive Touchscreen Gloves
- Trimble Headset
- External GPS Antenna

Dimensions, Weight & Color:

- 6.1 in × 3.2 in × .9 in (15.5 cm x 8.2 cm x 2.5 cm)
- 13.5 oz (.4 kg), including battery
- Black with Yellow or Black with Gray

Environmental Specifications:

- Water: Survives immersion at 3.3 ft (1 m) for two hours (gray models), IEC-60529 IPx8; Survives driving rain and water spray (yellow models), IEC-60529 IPx5, water jet 12.5 mm dia @ 2.5 - 3 m
- Sand & dust: Protected against dust, IEC-60529 IP6x, dust chamber with under-pressure
- Drop: Survives multiple drops of 4 ft. (1.22 m), MIL-STD-810G, Method 516.6, Procedure IV, Transit Drop
- Operating Temperature: -22 °F to 144 °F (-30 °C to 60 °C); MIL-STD 810F, Method 502.5, Procedure I, II, III (Low Temp Operating -30 C); Method 501.5, Procedure I & II (High Temp Operating 60 C)
- Storage Temperature: -40 °F to 158 °F (-40 °C to 70 °C); MIL-STD 810F, Method 501.4, Procedure I; MIL-STD 810F, Method 502.4, Procedure I, II, III Method 502.5, Procedure I, II, III (Low Temp Storage -40 C); Method 501.5, Procedure I & II (High Temp Storage 70 C)

Certifications:

- FCC
- CE/R & TTE
- C-Tick
- GCF Compliant
- RoHS Compliant
- PTCRB
- SAR
- AT&T Network Compatible
- Section 508 Compliant
- Wi-Fi Alliance certified
- CCX
- USB 2.0 Full Speed
- MIL-STD-810G
- P65/IP68
- MIL-STD-461E

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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