



Juno T41 - M

Rugged Handheld Computer



KEY FEATURES & MODELS

Juno T41 M: Basic Model

4.3" WVGA Sunlight-readable, full color,
Corning® Gorilla® Glass Display

Fully Rugged design with IP68; M -ST -810G

Choice of Operating Systems: Windows
Embedded Handheld (WEHH) 6.5 or Android 4.1

Processor: 800 MHz

RAM: 512 MB

Multi-touch User Interface with capacitive stylus
compatibility

SBAS Capable GPS Receiver (WAAS & EGNOS):
2.4 m (6-13 ft) Real-time accuracy

Accelerometer and Electronic Compass

Full-Day Battery Life

Software Development Kit to customize
workflow

The flexible, fully-rugged Trimble® Juno® T41 is available in a wide variety of configurations. The T4 - M model is ideal for data collection work-flows that can be paired with a GPS location for a multitude of uses. Choose the handheld computer you need in either Google Android™ or Microsoft® Windows® operating systems. Every Juno T41 is a reliable small workhorse computer designed to last for years in any environment.

EMPOWERING THE MOBILE WORKER

Ideal for data collection and asset maintenance and management, the Juno T41 rugged handheld computer is designed to be long-lasting, military grade data collection tool for all Mobile Workers. The Juno T41 - M are tested and built to Military MIL-STD-810G standards and all are IP68 rated to survive hostile conditions in the field. The Juno T41 can withstand driving rain and liquid immersion, Corrosive environments dust, shock, drops, vibration, prolonged UV exposure and extreme temperatures and altitudes.

The Juno T41- M features a powerful 800MHz processor, 512 MB of RAM and up to 8 GB of storage. The 4.3" high resolution Corning® Gorilla® Glass panel capacitive touchscreen is sunlight-readable and displays beautifully clear images ideal for outdoor use. 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 handheld's custom connector that provides easy connectivity to a USB device, a 9-pin Serial device or a battery charger.

The Juno T41 - M built tough as nails for any condition you can throw at it. Empowering your mobile field workers in even the harshest conditions and environments.

BUILT FOR WORK IN THE REAL WORLD

Your business isn't limited to inside the four walls. No matter your industry, if your people spend work hours outdoors, a rugged handheld is a cost-effective piece of equipment. Integrate the Juno T41 with the right set of features and functionality into your organization and take your applications to the next level.



Juno T41-M Rugged Handheld Computer

TECHNICAL INFORMATION

MODEL FEATURES

- Processor: 800 MHz, Texas Instruments DM3730
- RAM: 512 MB
- Flash Storage: 8MB
- 4.3" WVGA Sunlight-readable 4.3" Gorilla Glass TFT capacitive screen with a WVGA (800 x 400) color display
- Light sensor to auto-adjust display brightness
- Capacitive multi-touch interface
- GPS Receiver (WAAS & EGNOS): 2-4 m (6-13 ft) Real-time accuracy, up to 3.5 m (12 ft) Code Postprocessed
- MCX port for optional External GPS Antenna
- Electronic Compass
- Accelerometer
- Robust Custom Port with USB 2.0 Full Speed Protocol
- Conversion Cables available for 9-pin Serial or USB host
- microSD memory card slot (supports SDHC up to 32 GB)
- Integrated speaker and microphone
- 3.5 mm Headset Jack with Audio Capability

OPERATING SYSTEMS

- Windows Embedded Handheld 6.5
 - Language Support: Chinese (Simplified), English, French, German, Italian, Japanese, Korean, Portuguese, Russian or Spanish
- Android 4.1

Windows Embedded Handheld 6.5 Standard 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
- Calculator
- Calendar
- Microsoft Pictures & Videos
- Windows Media Player
- Windows Live Messenger
- Microsoft Task Manager & Notes
- Adobe Reader LE 2.5

Android 4.1 "Jelly Bean" Standard Software:

- With language support (All Android default languages)
- Email and People (Contacts)
- Picture & Video Gallery
- Multimedia Player
- Web Browser

Application Developer Support

- Software Developer Kit with documentation for WEHH 6.5
- Software Developer Kit with documentation for Android 4.1

STANDARD ACCESSORIES

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

ENVIRONMENTAL SPECIFICATIONS

Water: Water: Survives immersion at 2m (6.6 ft) for 1 hour IEC-60529 IP-X8 Survives driving rain and water spray
Dust: Protected against dust, IEC-60529 IP-6X, dust chamber with under-pressure
Drops: Survived multiple drops of 1.2m (4ft), MIL-STD-810G, Method 516.6, Procedure IV, Transit Drop
Operating Temperature: -30 °C to 60 °C (-22 °F to 140 °F), MILSTD- 810G, 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 °C to 70 °C (-40 °F to 158 °F), MILSTD- 810G, Method 502.5, Procedure I, II, III (Low Temp Storage -40 °C); Method 501.5, Procedure I & II (High Temp Storage 70 °C)
Temperature Shock: Cycles between -30 °C and 60 °C (-22 °F and 144 °F), MIL-STD-810G, Method 503.5, Procedure I-C
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

PHYSICAL

Size (M) 15.5 cm x 8.2 cm x 2.5 cm
(6.1 in x 3.2 in x .9 in)
Color Black with Yellow or Black with Gray

ELECTRICAL

Processor: 800 MHz TI OMAP 3
Memory: 512 MB RAM
Storage: 8 GB non-volatile Flash Storage
Expansion: microSD card slot
Display: 4.3" (10.9 cm), 800 x 480 pixel, WVGA TFT
Battery Capacity: 3250 mAh, 3.7 V (@0.2C), 12.2 Wh, Up to 4 hours battery life on single charge, up to 8 hours with extended battery pack
I/O: 3.5mm audio jack, MCX GPS antenna port and a custom port that supports USB 2.0 Host, USB Client, 15 VDC power and Serial connections
GPS: SBAS Capable GPS Receiver (WAAS & EGNOS): 2.4 m (6-13 ft) Real-time accuracy

CERTIFICATIONS

FCC, CE, R&TTE, IC (Canada), A-tick, C-tick, GCF compliant, RoHS compliant, Section 508 compliant, USB 2.0 Full Speed, MIL-STD-810G, IP68, MIL-STD-461E.

Specifications may be changed without notice.

Android is a trademark of Google Inc.

Windows is a trademark of Microsoft, Inc.

The Juno T41 Android models come without Google Mobile Services, for greater security by preventing third party location tracking and data collection.

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