



Trimble Juno T41 Rugged Handheld

PRODUCT SPECIFICATIONS

OPERATING SYSTEM

- Windows Embedded Handheld 6.5
- Android 4.1 "Jelly Bean"

PROCESSOR

- 800MHz or 1GHz, Texas Instruments DM3730

STORAGE

- 8GB, 16GB, or 32GB Flash storage

MEMORY

- 512MB
- MicroSD memory card slot
- SIM card slot

DISPLAY

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

WIRELESS

- Bluetooth 2.1 with Enhanced Data Rate
- Wi-Fi (802.11b/g/n)
- Optional integrated 3.75G cellular data, text and voice capability

POWER SUPPLY

- 11.1V, 2500mAh
- 27.8Wh Li-ion rechargeable pack
- International AC Charging Kit

INTEGRATED FEATURES

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

NAVIGATION

- Real-Time Enhanced GPS: Accuracy 1-2
- Meters in Real Time1
- Reliable Performance in Reduced Signal Environments
- Real-time GPS accuracy of 1-2 meters with SBAS

APPLICATION DEVELOPER SUPPORT

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

I/O

- 3.75mm audio jack
- MCX GPS antenna port
- Custom port that supports USB 2.0 Host
- USB Client
- 15 VDC power
- Serial connections

ENVIRONMENTAL

- Water: Survives immersion at 6.6ft (2m) for one hour (gray models), IEC-60529 IPx8; Survives driving rain and water spray (yellow models), IEC-60529 IPx5, water jet 12.5mm dia @ 2.5 - 3m
- Sand & dust: Protected against dust, IEC-60529 IP6x, dust chamber with under-pressure
- Drop: Survives multiple drops of 4ft. (1.22m), 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)
- Temperature Shock: Cycles between -22 °F and 144 °F (-30 °C and 60 °C), MIL-STD-810G, Method 503.5, Procedure I-C
- Humidity: 90% relative humidity with temperatures between 22 °F and 144 °F (30 °C and 60 °C), MIL-STD-810G, Method 507.5, Procedure II
- Altitude: 15,000ft (4,572m) at 73 °F (23 °C) to 40,000ft (12,192m) at -22 °F (-30 °C), MIL-STD-810G, Method 500.5, Procedure I, II & III
- Vibration: General minimum integrity and loose cargo tests, MILSTD-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

DIMENSIONS/WEIGHT/COLOR

- C,X,M: 6.1in x 3.2in x .9in (15.5cm x 8.2cm x 2.5cm)
- C,X,M: 13.5oz (.4kg) including battery
- G: 8.26in x 3.2in x 1.26in (20.98cm x 8.14cm x 3.19cm)
- G: 16.69oz (.48kg) including battery
- Black with Yellow or Black with Gray

CERTIFICATIONS

- FCC, CE, R&TTE, IC (Canada), A-tick, C-tick, GCF compliant, RoHS compliant, Section 508 compliant, PTCRB, SAR, AT&T network compatible, Wi-Fi Alliance certified, CCX, USB 2.0 Full Speed, MILSTD-810G, IP65/ IP68, MIL-STD-461E

OPTIONAL ULTRA-HIGH FREQUENCY RFID

- Integrated ThingMagic M6e-Micro module
- Integrated orientation insensitive antenna for fast and accurate tag reads
- Power transmission up to +30 dBm (1 Watt) power
- Choice of 865-868 MHz or 902-928 MHz
- Supports EPCglobal Gen 2 (ISO 18000-6C) protocol

OPTIONAL REAL-TIME ENHANCED GPS

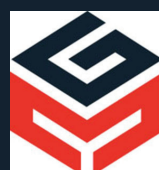
- 1-2 meter Real-time accuracy with no post-processing or subscription fees required
- Trimble Positioning Services VRS Capable
- Supports GPS L1 band
- Raw Data Output available for post-processing applications
- Average cold start < 33 seconds; Average Warm Start < 3 seconds
- Reliable performance in reduced signal environments

OPTIONAL 1D / 2D BARCODE IMAGER

- White light illumination and red LED-based aimer for ease of use
- High-motion tolerance to deliver quick imaging responsiveness
- Omni-directional reading capabilities for real world use conditions
- Rapid Scanning Capability for high read rates no matter what the bar code angle or orientation is in relation to the unit
 - 1D supported symbologies: EAN/UPC, GS1 Databar (limited expanded & omnidirectional), Code 39, Code 128, UCC/EAN 128, ISBN, ISBT, Interleaved/ Matrix/Industrial and Standard 2 of 5, Codabar, Code 93/93i, Code 11, MSI, Plessey, Telepen, postal codes (Australian Post, BPO, Canada Post, Dutch Post, Japan Post, PostNet, Sweden Post)
 - 2D supported symbologies: Data Matrix, PDF417, Micro PDF 417, Codablock, Maxicode, QR, Aztec
- Access to other valuable tools such as:
 - Multicode reading
 - data editing
 - image capture
 - scanning barcodes on mobile phone screens
 - illumination, aiming, presentation modes

WARRANTY

- 2-year limited warranty



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