WORK SMART WITH SMARTPHONE-INSPIRED MOBILE GIS

Your team will perform better when they’ve got the tools they need to get the job done. Trimble® Juno® 5 series hand-helds combine must have functionality with the familiarity of a smartphone form factor.

Compatible with GIS-oriented Trimble workflows, the Juno 5 is the smart solution your team can trust for standardizing inspections and asset management.

Bringing GIS out to the field

Perfect for asset management and data maintenance projects, everything is integrated into a convenient, rugged package: high-sensitivity GNSS, Windows® Embedded Handheld operating system, Office applications, camera, and cellular connectivity.

Stay flexible and connected with the optional built-in communications to send and receive calls and data on the job, keeping your team productive, informed, and in touch.

Using the professional workflows of Trimble field and office software, you can work with confidence in the data you are capturing.

A smarter approach to field productivity

It may look like a smartphone, but the Juno 5 series is all business. Rugged enough to meet military specs, with an IP68 rating. It has a large screen so you can easily view data or photos even in direct sunlight.

You can be confident that your teams have a real, professional tool—built to work in even the toughest conditions.

Options for flexibility

With enhanced GPS in real time and 1D or 2D barcode options to choose from the Juno 5 series can meet whatever your workflow needs.

The Trimble Juno 5 combines the convenience of a smartphone with professional rugged design, for true confidence in the field. This makes the Trimble Juno 5 series the tool of choice for flexible, real world asset management and GIS data updates.

Key Features

- Familiar, easy-to-use, smartphone form factor
- Works with professional software for GIS workflows
- Big, sunlight-readable screen
- Stay in touch with the office—integrated communications available
- Rugged for work in all conditions
- 1D/2D barcode scanner and enhanced GPS versions available
### STANDARD FEATURES

**System**
- Integrated 3.75G cellular data, text, and voice capability (Juno 5D only)
- 8 megapixel camera with geotagging and dual LED flash
- High-sensitivity GPS/SBAS receiver and antenna
- Bluetooth® version 2.1 with enhanced data rate
- Wi-Fi (802.11b/g/n)
- Multi-touch 4.3 inch WVGA sunlight-readable Gorilla® glass display
- Long-life, rechargeable Li-Ion battery
- 800 MHz (Juno 5B) or 1.0 GHz (Juno 5D and Juno 5B/5D with Barcode scanner and Enhanced GPS) OMAP DM3730
- 512 MB RAM
- 8 GB (Juno 5B), 16 GB (Juno 5D), or 32 GB (Juno 5B/5D with Barcode scanner and Enhanced GPS) Flash storage
- MicroSD memory card slot (supports SDHC up to 32 GB)
- Integrated speaker and microphone

**Operating System**
Windows Embedded Handheld 6.5 in Chinese (Simplified), English, French, German, Italian, Japanese, Korean, Portuguese (Brazilian), Russian, or Spanish

**Barcode scanner**
2D symbologies: Data Matrix, PDF417, MicroPDF417, Codablock, Maxicode, QR, Aztec


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### TECHNICAL SPECIFICATIONS

**Physical**
- Size (SB/5D) .................................................. 15.5 cm x 8.2 cm x 2.5 cm (6.1 in x 3.2 in x 1 in)
- Weight including battery
  - Juno 5 ................................................... 0.4 kg (0.84 lb)
  - Juno 5 with Barcode ............................ 0.50 kg (1.10 lb)
  - Juno 5 with Enhanced GPS ....................... 0.45 kg (0.99 lb)
  - Juno 5 with Enhanced GPS and Barcode ...... 0.50 kg (1.10 lb)
- Processor ................................................ 800 MHz (SB) or 1.0 GHz (5D and SB/5D with Barcode scanner and Enhanced GPS) OMAP DM3730
- Memory .................................................... 8 GB (5B), 16 GB (5D), or 32 GB (5B/5D with Barcode scanner and Enhanced GPS) built in storage, and 512 MB RAM
- Power
  - Low (no GPS, backlight on) ..................... 14 hours
  - Normal (with GPS and backlight on) .............. 8 hours

**Environmental (MIL-STD-810G)**
- Operating temperature: –30 °C to +60 °C (–22 °F to +140 °F)
- Storage temperature: –40 °C to +70 °C (–40 °F to +158 °F)
- Humidity: 90% relative humidity with temperatures between 30 °C and 60 °C (86 °F and 144 °F) Method 5075, Procedure I
- Water/dust: 45 °C (113 °F) Protected against driving rain, water spray, dust, IEC-60529 IP68
- Drop: 1.22 m (4 ft.), Method 5166, Procedure IV, Transit Drop
- Vibration: Method 5146, Procedure I & II, Category 5
- Altitude: 1.57 m (5,150 ft) at –30 °C (–22 °F) Method 500.5, Procedure I & II

**Input/output**
- Expansion .................................................. microSD Card slot
- Display ..................................................... 10.9 cm (4.3 in) WVGA TFT (480 x 800 pixel)
- Audio ...................................................... Built-in microphone and speaker, record and playback utilities
- I/O .......................................................... USB 2.0 Host, USB Client
- Radios ...................................................... Bluetooth v2.1 EDR, Wi-Fi 802.11b/g/n
- UMTS/HSPA+ / GSM/GPRS / EDGE
- GMS Bands: 850/900/1800/1900 MHz (data and voice. Juno 5D only)\(^7\)

**Digital camera**
- 8 megapixel color camera with geotagging and dual LED flash

**GPS**
- Channels .................................................. 50 (L1 only)
- Update rate .............................................. 1 Hz
- Protocols ................................................. NMEA-0183, UBX binary
- MCX port for optional external GPS antenna

**Accuracy (HRMS)\(^7\)**
- Real-time (RTCM) ......................................... 2–4 m
- Real-time (Enhanced GPS variant, SBAS, WAAS or EGNOS) .......................... 1–2 m
- Code postprocessed\(^7\) ............................... 2–4 m

**SOFTWARE COMPATIBILITY**
Please refer to the Product Compatibility matrix.

Contact your local Trimble Authorized Distribution Partner for more information.

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