

Trimble R780

GNSS SYSTEM



Freedom to work
your way



The **Trimble® R780 GNSS receiver** is a highly accurate GNSS system built to handle the toughest survey environments. Powered by industry-leading Trimble positioning technologies, the ultra-rugged R780 elevates productivity in one adaptable, scalable system. Enjoy the freedom of choosing the configuration and features tailored precisely to meet the needs of your job, and the flexibility to add more functionality as requirements change.

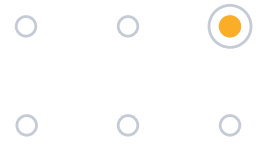
Build the receiver you need today. Scale with ease tomorrow.



Find out more at:
geospatial.trimble.com/R780

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Ruggedly precise positioning

Ultimate performance

- **Trimble Maxwell™ 7 GNSS ASIC:** Track the latest signals from all GNSS constellations with EVEREST™ Plus multipath mitigation, interference detections, and protection against GNSS spoofing.
- **Trimble ProPoint™ technology:** Constellation-agnostic, robust positioning engine enables greater accuracy, reliability, and productivity in challenging GNSS environments.
- **Trimble TIP™ technology:** Survey faster with magnetically immune Inertial Measurement Unit (IMU) based tilt compensation that helps you quickly, accurately and safely stake out or measure points without leveling the pole.
- **Trimble xFill® technology:** Reduce downtime in the field with continuous RTK coverage during correction outages from an RTK base station or VRS network.
- **Trimble CenterPoint® RTX:** Receive GNSS corrections wherever you are via satellite or internet with unrivaled speed and accuracy for a precise point positioning solution.

Scalable flexibility

- Choose the configuration level that suits your needs: Base & Rover, Rover Only, Base Only.
- Purchase only the features you need today, with the ability to easily upgrade as your requirements change in the future.

Built for any environment

- Compact, ultra-rugged design absorbs the hardest drops and shocks on the job site. No more downtime with equipment that doesn't work.
- Protect your life's work by adding a Trimble Protected protection plan* for worry-free ownership over and above the standard Trimble product warranty.

* Learn more about Trimble Protected protection plans at <https://www.trimble.com/en/support/extended-protection/geospatial>

Key Specifications

8 mm H/15 mm V

Real time kinematic precision

GPS/GLONASS/Galileo/BeiDou/ IRNSS/QZSS/SBAS

Constellation support

Bluetooth®/Wi-Fi

Wireless communications

9 GB

Internal memory

IP68

Rugged

