

Carlson

RT3

Rugged Tablet

PERFORMANCE

- Powerful Windows 10 for office-to-field use
- Plenty of memory - 4 GB RAM & up to 128 GB flash storage



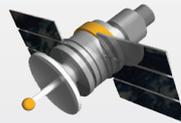
EXPANDABLE BATTERY



- All-day battery runs 8–10 hours for minimal downtime
- Optional expansion provides additional 4–5 hours
- Operates in extreme temperatures from -4 F to 122 F (-20 C to 50 C)

READY FOR ANYTHING

- Long-range Bluetooth® Smart Ready, Wi-Fi®, USB connectivity,
- 4G LTE (GEO CELL model)
- High-performance GNSS receiver and 8 MP rear, 2 MP front camera (GEO & GEO CELL Models)



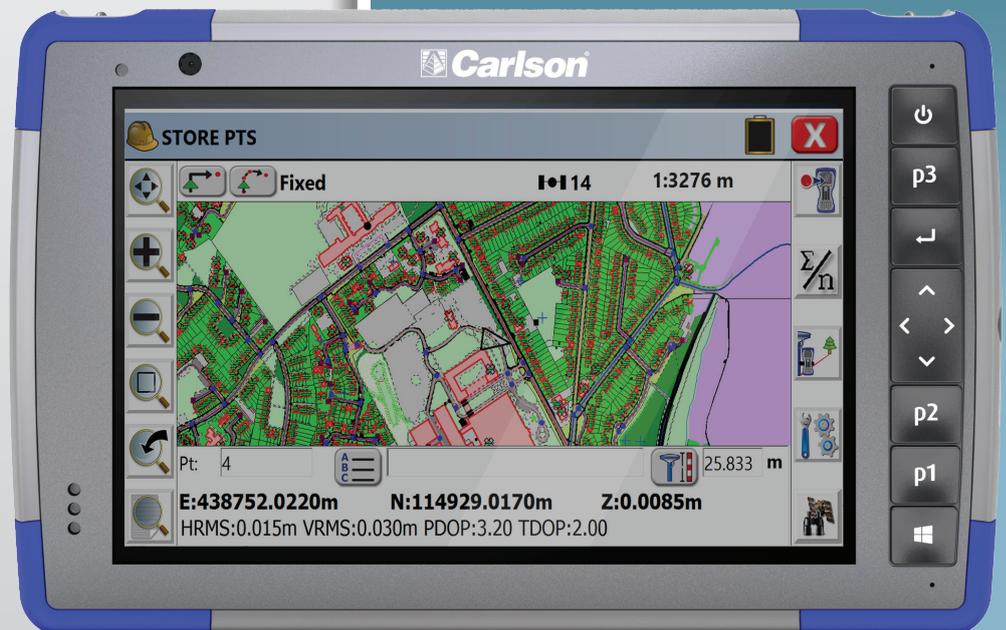
JUNIPER RUGGED™

- Maximum protection for your data
- Dustproof & waterproof (IP68 rating)
- Designed to MIL-STD-810G for ultra-ruggedness
- 2-year warranty

ILLUMIVIEW™ HIGH-VISIBILITY DISPLAY

- Large, 7-inch display for easy viewing
- IllumiView technology provides extraordinary visibility
- Optically-bonded capacitive touch screen for needle-sharp imagery
- Chemically-strengthened Drag-ontrail™ glass for excellent impact & scratch resistance

The Carlson RT3 is designed for surveying, stake out, construction layout and GIS mapping and is bundled with Carlson SurvPC – the Windows-based data collection program – with the option of running with the Esri OEM program for use in the field. Or use in the office with any Carlson office software. Along with 4GB of RAM, 64 or 128GB storage options, collect and analyze your data quicker than ever before.



Find Out More NOW!

For more info or to locate a dealer near you-

call - +31 (0) 36 750 1781

www.carlsonsw.com

www.carlsonEMEA.com



Markerkant 1338 | 1314 AN Almere | The Netherlands

Available models

- Standard
- GEO
- GEO Cell

Bundle with SurvPC

- the Windows-based data collection program - with the option of running with the Esri OEM program for use in the field. Or use in the office with any Carlson office software.



PROCESSOR

- Quad-core Intel® Atom™ Z3745

OPERATING SYSTEM AND SOFTWARE

- Microsoft® Windows 10
- Multiple languages supported (English, French, Spanish, German, Portuguese)

MEMORY AND DATA STORAGE

- 4 GB RAM (LPDDR3)
- 64 GB or 128 GB flash storage options
- User-accessible MicroSDXC card slot

GRAPHICS

- Intel® HD Graphics

DISPLAY

- Active viewing area: 7" (178 mm)
- Resolution: WXGA (1280 x 800)
- High-visibility backlit LCD for best-in-class sunlight view-ability

TOUCH SCREEN

- Projected capacitive multi-touch interface for use with gloves, small tip stylus, and in wet conditions
- Optically bonded for increased visibility and strength
- Chemically-strengthened Dragontrail™ High Ion-Exchange (HIE™) coverglass for excellent impact and scratch resistance

KEYBOARD

- Adjustable LED backlit keys
- Four-way directional navpad
- Windows/home key
- Power key
- Enter key
- Three user-programmable function keys

PORTS

- USB 3.0 x 1
- 3.5 mm audio jack
- 12 VDC power input jack
- Docking port connections (Pwr, USB 2.0, & HDMI)
- Loud output speaker for noisy environments

- Dual digital microphone input for improved clarity
- Optional RS-232 9-Pin D-Sub connector with 5VDC power output

BATTERY

- Removable Li-Ion battery, 39 Whr
- Operates 8–10 hours on one charge
- Battery easily changeable in field
- Optimized for strong performance in cold temperatures
- Excellent lifecycle performance
- Optional built-in 19-Whr battery provides additional 4–5 hours runtime and hot-swap capability

PHYSICAL

- Size: 5.40" w x 8.48" l x 1.36" d (137 x 215 x 35 mm)
- Weight: 1.5–2 lbs (680–907 g)
- Durable, chemical- and shock-resistant design
- Easy-to-grip, impact-absorbing, over-molded bumpers
- Lightweight and ergonomic design

WIRELESS CONNECTIVITY OPTIONS

- Long-range Bluetooth® 4.0 wireless technology, v4.0 +EDR, Class 1.5, BLE support
- Wi-Fi 802.11 a/b/g/n, 2.4 GHz and 5 GHz
- 4G LTE

CAMERA (GEO MODELS)

- Rear: 8 MP with LED illumination
- Front: 2 MP
- Juniper Geotagging™: embed photo with date, time, and GNSS position

GPS/GNSS (GEO MODELS)

- 2 to 5 meter typical accuracy
- uBlox NEO-M8N GNSS receiver and integrated antenna
- Integrated real-time SBAS receiver (WAAS, EGNOS, etc.)
- 72 GNSS tracking channels
- Optional: uBlox NEO-M8T w/ post-processing data output and external GNSS antenna pass-through connection for sub-meter accuracy

OTHER FEATURES

- Ambient light sensor
- Compass
- Accelerometer
- Gyroscope
- TPM (Trusted Platform Module) v2.0

CERTIFICATIONS AND STANDARDS

- FCC Class B
- CE Marking (applicable EMC, R&TTE, and LVD directives)
- Industry Canada
- EN60950 Safety
- RoHS 2 Compliant

JUNIPER RUGGED™

- IP68 waterproof and dustproof
- Operating Temperature: -4 F to 122 F (-20 C to 50 C)
- Storage temperature: -22 F to 158 F (-30 C to 70 C)
- Shockproof: multiple drops from 4' (1.2–1.5 m) onto concrete
- Designed for MIL-STD-810G test procedures: Method 500.5 Low Pressure (Altitude); Method 501.5 High Temperature; Method 502.5 Low Temperature; Method 503.5 Temperature Shock; Method 506.5 Rain; Method 507.5 Humidity; Method 510.5 Sand and Dust; Method 512.5 Immersion; Method 514.6 Vibration; Method 516.6 Shock

WARRANTY

- 2-Year Warranty
- Service Plans Available

CARLSON EXTRA

- Polarized screen protector
- 128 GB instead of 64 GB hard drive in GEO and GEO CELL models
- uBlox M8T GNSS receiver in GEO and GEO CELL models
- additional 19-Whr battery provides additional 4-5 hours runtime and hot-swap capability (GEO and GEO CELL models)

