

# RT5+

## Rugged Tablet



*The Carlson RT5+ is a ruggedized Windows data collector designed for surveying, stake-out, construction layout and GIS mapping, and is bundled with Carlson SurvPC – the Windows-based data collection program. Optionally, the RT5+ can run SurvPC with Esri OEM for use in the field. With the new **3-year NO-FAULT warranty** you're protected from the unforeseen, and with 16GB of RAM and 512 GB of storage, you can collect and analyze your data quicker than ever before.*

### PERFORMANCE

- Powerful Windows 11 for office-to-field use
- Plenty of memory - 16 GB RAM & 512 GB flash storage



### EXPANDABLE BATTERY

- All-day battery runs 10+ hours for minimal downtime
- Optional 15+ hour battery
- 5-minute hot swap



### WARRANTY

- 3-year no-fault warranty<sup>1</sup>

### READY FOR ANYTHING

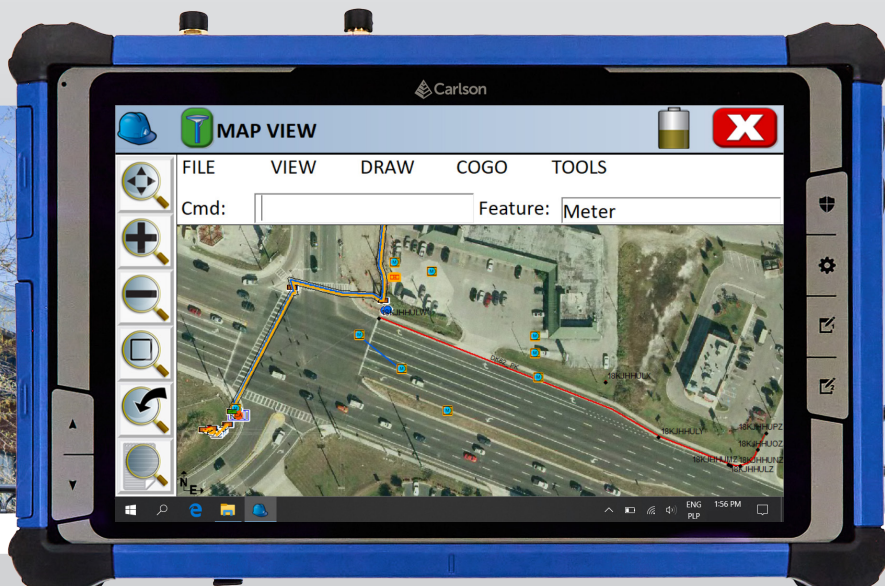
- Operates in extreme temperatures from 14F to 122F (-10° C to 50° C)
- Long Range Bluetooth®, Dual-band Wi-Fi®, USB 3.0 connectivity
- 4G LTE (GSM)
- 8 MP camera

### FIELD-TESTED RUGGED

- Protection for your data
- Dustproof & water resistant (IP65 rating)
- Designed to MIL-STD-810G for ultra-ruggedness

### HIGH-VISIBILITY DISPLAY

- Large, 8-inch display for easy viewing
- 800 nits (cd2/M) brightness provides extraordinary visibility
- Capacitive touch screen with digital pen support



BREAK NEW GROUND

## PROCESSOR

- Intel® Core® N250 4-Core (up to 3.70 GHz)

## OPERATING SYSTEM

- Microsoft® Windows 11 IoT NTSC
- Multiple languages supported (English, French, Spanish, German, Portuguese)

## MEMORY AND DATA STORAGE

- 16 GB RAM
- 512 GB flash storage
- User-accessible smart card reader

## GRAPHICS

- Intel® HD Graphics

## DISPLAY

- Active viewing area: 8" (203 mm)
- Resolution: WXGA (1280 x 800)
- High-visibility backlit LCD for sunlight viewability
- Portrait or landscape orientation with automatic screen rotation

## TOUCH SCREEN

- Projected capacitive multi-touch interface for use with gloves, small tip stylus, and in wet conditions

## PHYSICAL KEYS

- LED backlight adjustment keys
- Windows/home key
- Power button
- 2 trigger buttons
- 4 programmable buttons

## PORTS

- USB 3.0 x 1
- 3.5 mm audio jack
- USB Type-C power input jack
- Built-in speaker

## BATTERY

- Removable Li-Ion battery, 5400mAh
- Operates 10+ hours on one charge
- Hot-swappable, easily changeable in field
- Optimized for strong performance in cold temperatures
- Excellent lifecycle performance
- Optional 8000mAh battery for 15+ hours of operation

## PHYSICAL

- Size: 6.1 x 9.4 x 1.3 in (155 x 238 x 33 mm)
- Weight: 2.58 lbs (1.17 kg)
- Durable, shock-resistant design
- Easy-to-grip, impact-absorbing, overmolded bumpers
- Lightweight and ergonomic design

## WIRELESS CONNECTIVITY

- Long Range Bluetooth® (tested to 1,500'/450 m)
- Wi-Fi: 802.11 a/b/g/n/ac, 2.4 GHz and 5 GHz
- 4G LTE (GSM) (CELL models)

## CAMERA

- 8 MP rear mounted

## OTHER SENSORS

- Integrated eCompass

## CERTIFICATIONS AND STANDARDS

- IEC 62368-1
- FCC Class B
- CE Marking (applicable EMC, R&TTE, and LVD directives)
- RoHS Compliant
- Industry Canada
- HERO (Hazard of Electromagnetic Radiation to Ordnance) certified
- TPM (Trusted Platform Module) v2.0

## FIELD-TESTED RUGGED

- IP65 for dust and water resistance
- Operating Temperature:  
14 F to 122 F (10° C to 50° C)
- Storage temperature:  
-4 F to 140 F (-20° C to 60° C)
- MIL-STD-810G for shock and vibration protection

## WARRANTY

- 3-Year No-Fault Warranty<sup>1</sup>
- Service Plans Available

## STANDARD ACCESSORIES

- Standard removable battery
- AC wall charger
- Screen Protector
- Quick Start Guide
- Hand strap

<sup>1</sup> Three years of No-Fault Accidents Warranty includes repair or replacement of RT5+, with coverage for ONE (1) LCD-related incident per unit, per warranty year. Battery and accessories are excluded under the warranty. Free two-way ground shipping for USA customers.

### 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.

