

# 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 8GB of RAM, 256 GB of storage, you can collect and analyze your data quicker than ever before.*

### PERFORMANCE

- Powerful Windows 10 for office-to-field use
- Plenty of memory - 8 GB RAM & 256 GB flash storage



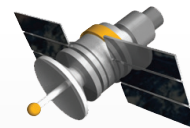
### EXPANDABLE BATTERY



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

### READY FOR ANYTHING

- Operates in extreme temperatures from 14F to 122F (-10° C to 50° C)
- Bluetooth® 4.2 LE, Dual-band Wi-Fi®, USB 3.0 connectivity
- 4G LTE (CELL models)



### FIELD-TESTED RUGGED

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

### 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

- Quad-core Intel® Pentium Silver processor

## OPERATING SYSTEM

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

## MEMORY AND DATA STORAGE

- 8 GB RAM
- 256 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

- Bluetooth® 4.2 LE
- Wi-Fi: 802.11 a/b/g/n/ac, 2.4 GHz and 5 GHz
- 4G LTE (CELL models)

## OTHER FEATURES

- TPM (Trusted Platform Module) v2.0

## 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

## 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 Warranty
- Service Plans Available

## STANDARD ACCESSORIES

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

## AVAILABLE MODELS

- STANDARD
- 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.

