

# archer<sup>2</sup>

## Product Specifications

The Archer 2 is specially designed to boost productivity and speed, wherever your job takes you. Whether you need an extra-bright screen that's easy to view, battery life that lasts long into overtime, or GPS technology that performs well in the thickest of tree canopies, the following specifications, plus an unyielding standard of quality, are what make it all possible.

### PROCESSOR

- 1.0GHz ARM Cortex A8 i.MX53 processor

### OPERATING SYSTEM AND SOFTWARE

- Microsoft® Windows Embedded Handheld 6.5.3
- Microsoft Office Mobile 2010\* (Word Mobile, Excel Mobile, PowerPoint Mobile, Outlook Mobile)
- Multiple languages (English, French, Spanish, German, Portuguese)

### MEMORY AND DATA STORAGE

- 512MB RAM
- 8GB flash storage
- User-accessible micro SD/SDHC slot

### DISPLAY

- Active viewing area: 4.3" (109 mm) WVGA LCD TFT (800x480)
- High visibility backlit LCD
- Portrait or landscape orientation



### TOUCHSCREEN

- Projected capacitive touch interface "optically bonded" to display for increased visibility
- Chemically-strengthened glass
- Scratch-resistant screen

### KEYBOARD

- Adjustable LED backlit keys
- Numeric keypad (6 user-reassignable)
- OEM configurable/customizable

### PORTS

- COM1, RS-232C 9-pin D connector with 5VDC power output on pin 9 software-enabled
- USB host (Full A), USB client (Micro B)
- 12, 24VDC input, 10-36V unregulated
- 3.5 mm audio jack, supports speaker/microphone or stereo output (pin detect)
- I/O module OEM configurable/customizable



### BATTERY

- Intelligent Li-Ion battery 3.7VDC @ 10600mAh, 38.16Whr
- Operates for up to 20 hours on one charge
- Charges in 2 to 4 hours
- Battery easily changeable in field
- Optimized for excellent performance in cold temperatures

### PHYSICAL

- Size, Standard models: 3.6" w x 7.25" l x 1.5" d (91 mm x 184 mm x 38 mm)
- Weight: 1.3 lbs (590 g), with battery
- Durable hardened plastic in a shear-proof and shock-resistant design
- Strong chemical resistance
- Comfortable, wide hand strap
- Easy-to-grip, impact-absorbing bumpers

### JUNIPER RUGGED™

- IP68 waterproof and dustproof
- Operating temperature: -22F to 140F (-30C to 60C)
- Storage temperature: -22F to 158F (-30C to 70C)  
Note: Bluetooth® wireless technology is rated to -4F (-20C)
- Shockproof: multiple drops from 5' (1.5 m) onto concrete

- 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

### WIRELESS CONNECTIVITY OPTIONS

- Bluetooth® wireless technology, 2.1 +EDR, Class 1.5, range greater than 100 feet (30m)
- Wi-Fi® 802.11b/g/n with extended range
- 3.75G modem - Pentaband Worldwide (Geo 3G model only)
- Frequencies: HSPA+/UMTS: 800/850/900/1800/1900/2100MHz (Supports micro-SIM card only)
- Data communication interface, SMS



### CAMERA (GEO MODELS)

- 5MP resolution with autofocus and LED illuminator + video capture
- Juniper Geotagging™: embed and emboss photo with date, time, and GPS position

### GPS/GNSS (GEO MODELS)

- High-sensitivity GPS/GLONASS/SBAS receiver
- User settings for enhanced performance under canopy
- Accuracy
  - Horizontal Autonomous Mode 2.5 meters
  - Differential Mode 1 meter
- BINR protocol for post-processing
- 32 channel all-in-view tracking

### BARCODE 1D/2D IMAGER (BC MODELS)

- Built-in barcode imager and decoder
- Symbologies: all common 1D and 2D (PDF417, MicroPDF417, Composite, RSS, TLC-39, Data matrix, QR code, Micro QR code, Aztec, MaxiCode, Postal codes, etc.)
- Programmable trigger buttons
- Visible aiming crosshair with low-light illumination
- Barcode Connector™ Utility, wedge and configuration, SDK support available

### CERTIFICATIONS AND STANDARDS

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

### STANDARD ACCESSORIES

- 10600mAh battery
- AC wall charger with international plug kit
- Micro USB client sync cable
- Quick Start Guide
- Ultra-wide hand strap
- Shipping box
- Screwdriver
- Stylus with tether
- 2-year warranty

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\*Not included on OEM programs

