



# archer<sup>3</sup><sub>TM</sub>

## Designed to work. Built to last.

The Archer 3<sup>TM</sup> Rugged Handheld blends new technology with time-tested features from the Archer 2<sup>TM</sup> Rugged Handheld to create a powerful new force for efficient mobile data collection. Its lightning-fast quad-core ARM Cortex processor, Android<sup>TM</sup> 7.1 operating system, and ultra-rugged ergonomic design combine to offer users a powerful option for frequent single-handed data entry.

## Features

### Built Juniper Rugged<sup>TM</sup>

Designed to meet IP68 and MIL-STD-810G standards, the Archer 3 is built waterproof, dustproof, and shockproof. Rest assured rain, cold temperatures, and dust won't stop a productive workday.

### All-day usability

From its ergonomic enclosure, to its sunlight-readable display, down to its 20-hour battery life, the Archer 3 is built for long workdays wherever the job takes you.

### Greater speed

Users can expect impressive load speeds all day long with the Archer 3's lightning-fast ARM Cortex processor.

### Reliable mobile operating system

Compatible with most Android applications, its Android 7.1 AOSP operating system provides users with a reliable platform for running popular data collection software.



## PROCESSOR

- 1.2GHz quad-core ARM Cortex A9 i.MX6 processor



## OPERATING SYSTEM AND SOFTWARE

- Android 7.1 AOSP
- Multiple languages (English, French, Spanish, German, Portuguese)

## MEMORY AND DATA STORAGE

- 2GB RAM
- 16GB flash storage
- User-accessible micro SD/SDXC 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 3.6VDC @ 12000mAh, 42.2Whr
- Operates for up to 20 hours on one charge
- Charges in 5.5 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<sup>TM</sup>

- IP68 waterproof and dustproof 1.4m for 30 min)
- Operating temperature: -22F to 140F (-30C to 60C)
- Storage temperature: -22F to 158F (-30C to 70C)
- 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, 4.2 BR/BDR/ BLE "Smart Ready," Class 1.5, range greater than 100 feet (30m)
- Wi-Fi® 802.11b/g/n



## CAMERA

- 5MP resolution with autofocus and LED illuminator + video capture
- Embed photo with date, time, and GPS position

## GPS/GNSS (GEO MODELS)

- High-sensitivity GPS, GLONASS, Galileo, BeiDou, QZSS, SBAS receiver
- User settings for enhanced performance under canopy
- Accuracy: SBAS 2 meters; autonomous 5 meters
- NMEA-0183 ver. 4.0 output
- 72 channel u-blox M8 engine
- Concurrent GNSS constellation resolution

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

- Built-in barcode imager and decoder
- Symbolologies: 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
- Optional Class I, II, III Division 2 for hazardous locations

## STANDARD ACCESSORIES

- 12000mAh 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

© Copyright 1/19 Juniper Systems, Inc. Specifications are subject to change without notice. All trademarks are registered or recognized by its respective owners.