Designed to work. Built to last.

The Archer 3™ Rugged Handheld blends new technology with time-tested features from the Archer 2™ Rugged Handheld to create a powerful new force for efficient mobile data collection. Its lightning-fast quad-core ARM Cortex processor, Android™ 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™

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.

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JUNIPER systems

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archer³™

Designed and manufactured in the United States, the Archer 3 Rugged Tablet is built to perform for years and years. The Archer product line has long been favored across several industries as the ultimate mobile data collection device. And with customization options available, it's tough to beat this data collection powerhouse.

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™

- 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
- 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
- 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

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