

Juniper Archer Rugged Handheld

Ultra Rugged Field PC

The Archer is your reliable field companion. Use it to document, navigate, and share information. Extend your horizons by using the Archer with peripheral sensors, or custom configure it for specialized applications. Its function focused form fits your hand like a glove. Depend on the Archer . . . it is waiting for you.

The Archer excels when you work in the extremes. Depend on it to collect, map, and navigate. Drop, dunk, and then use the Archer. It survives in the most rugged applications. The Archer is your essential computing tool that gets your job done . . . anywhere.

Customers are our passion. We are dedicated to exceed your expectations. Providing intuitive field computing solutions designed for rugged applications is what we do. Your applications fulfil the potential of the Archer.



Key Features

Design Advantages

- Built for extreme environments
- FM Approved Class I, Div. 2 for use in potentially explosive areas
- Large, tactile, backlit keys
- Outdoor readable colour display, portrait or landscape view
- Form fits your hands with easy to grip orange or grey over moulding
- Long battery life

Solutions Oriented

- Windows Mobile® 6.1 Classic
- Microsoft® Office Mobile applications included
- OS available in multiple languages
- Customizable for OEM
- 128 MB RAM and 512 MB data storage
- Fast 520 MHz processor

Connections Abound

- Bluetooth® wireless technology and Wi-Fi options
- USB Host and Client
- RS-232 serial 9 pin connector
- CF, SD, and SDHC cards add wireless communication, GPS, RFID, bar code scanner, and data storage
- Communication, Universal and Optical Extended Caps protect cards
- Power Dock synchronizes data while charging battery

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Rugged Systems is one of Europe's leading suppliers of rugged, mobile computer, display and communications solutions and services. Specialising in applications such as test & measurement, command and control, data acquisition, secure data & computing, TEMPEST and ultra-reliable message transfer over noisy tactical communication channels. The company strives to be innovative and provide cost effective solutions, through many years of knowledge and experience

Archer Specifications



FUNCTIONAL

Processor	520 MHz PXA270 processor
Memory	128 MB RAM
Storage	512 MB internal data storage Compact Flash slot (Type I or Type II) SD/SDHC slot, SDIO supported CF and SD slots user accessible
Display	Active viewing area: 3.5" (89 mm) QVGA (240 x 320) High visibility active matrix TFT transfective backlit LCD
I/O Ports	COM 1, RS-232C 9-pin D connector with 5VDC power on DTR pin USB Host - Mini A USB Client - Mini B 12 VDC @ 800mA power in, 10 - 18 V unregulated Communications module is user replaceable Four-way directional button Discrete keys for Start, Applications Manager, Home, Context Menu, Return and Power/Suspend Key functions can be user-defined LED backlit keys
Integrated Communications Options	Internal Bluetooth® wireless technology option, 2.0 +EDR, Class 1, range 65 feet (20 meters) Wi-Fi supported (requires SDIO or CF Wi-Fi card for wireless networking)
Operating System	Windows Mobile® 6.1 Classic Microsoft® Office Mobile Multiple languages

ENVIRONMENTAL (MIL-STD-810F/IP67)

Temperature	MIL-STD-810F Operating: -30°C to +55°C (-22°F to +130°F) Storage: -30°C to +60°C (-22°F to +140°F)
Rain/Dust	IP67, MIL-STD-810F Dust - (Protected against dust - limited ingress), Water - (Protected against sprays from all directions - limited ingress)
Vibration	MIL-STD-810F
Drop	MIL-STD-810F, Multiple drops from 5 ft. (1.5 m) onto concrete
Shock	MIL-STD-810F
EMI/EMC	FCC Class B CE Mark EN60950 RoHS Compliant FM Approved Class I, Div. 2

PHYSICAL

Dimensions	6.5" length x 3.5" wide x 1.7" thin (165 x 89 x 43 mm)
Weight	17 oz. (482g) with battery
Chassis	Magnesium case with scratch resistant powder coat Easy to grip, impact absorbing over-mould

ELECTRICAL

Power	Intelligent 3900mAh Li-Ion battery Operates for up to 20 hours on one charge Charges in 4 to 6 hours Battery easily changed in the field without tools
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OPTIONS

Standard Accessories	3900mAh Li-Ion battery 100-240V AC power supply US plug USB sync cable Captured full-size stylus Microsoft Getting Started CD User Documentation CD Screen protector Hand strap
Optional Accessories	Communication cap, Universal cap, Optical cap, Data Acquisition cap, Hemisphere GPS® XF101 Receiver, Power Dock, Travel Charger, 12VDC vehicle charger and International AC charger kit includes; US, EU, Australia & UK plugs.

Information in this document is subject to change without notice.



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