



archer

Juniper Systems, Inc.
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ROCK SOLID, FIELD READY



The **ultra-rugged** Archer Field PC™ is your reliable field companion. It is rock solid and field ready in the most **extreme environments**. Use it to document, navigate, communicate, look up and share information. Designed for **Windows Mobile® 5.0**, the Archer features a wide variety of application software choices. Extend your horizons by using the Archer Field PC with peripheral sensors, or custom configure your Archer for specialized applications. Its **function focused** form fits in your hand like a glove and stows conveniently in your pocket when packing it along. Depend on the Archer for your field information technology. **It is ready for you.**

Excels in the extremes

Ultra-rugged Archer Field PC



Your data survives

Drop it » Dunk it » Use it





Connections abound

Multipurpose use with peripheral devices
Both USB Host and Client plus 9-pin RS-232
Customize for specialized applications
Easy to clean and maintain



Open to options

Add GPS, bar code scanner, RFID, or data storage via user accessible CF and SD cards
Communicate wirelessly via internal Bluetooth® wireless technology option, Wi-Fi, or cellular modems



Solutions-oriented

Use extended caps with CF and SD peripheral devices
Collect points, map, or navigate using GPS options
OS available in 16 languages
Available in gray or orange



Design features with you in mind

Captured full-size stylus
Hidden cable routing channel
Orient screen for portrait or landscape view
Use Microsoft® Office Mobile applications



Power-packed

Long battery life and quickly charged
Knows and shows battery status
Easily changed in the field without tools
PowerDock synchronizes data and charges battery



Field ready

Lightweight, form fits your hand with easy-to-grip over-molding
Non-incendive FM Approved Class I, Div 2
Ultra-rugged for use in extreme environments
Large, tactile, backlit keys



Vibrant color display

Easy to grip

Light, tough magnesium case

Large, backlit keys

Depend on it

Document » Map » Navigate



Try it today

Contact us for a demonstration
www.junipersys.com



Environmental

- Operating temperature: -22 to 122° F (-30 to 50° C)*
- Storage temperature: -22 to 140° F (-30 to 60° C)
- Waterproof and dustproof, IP67
- Shockproof: multiple drops from 5 ft (1.5 m) onto concrete through temperatures ranging from -22 to 122° F (-30 to 50° C)
- MIL-STD-810F: water, humidity, sand and dust, vibration, altitude, shock, high temperature, low temperature, temperature shock

Power

- Intelligent, rechargeable, lightweight Li-Ion battery pack, 14 W-h (nom.)
- Operates for more than 20 hours on one charge
- Battery easily changed in the field without tools
- Dynamic, efficient low voltage power design
- 12 V vehicle power input connector for charging or direct power input
- Intelligent battery notifies user when battery needs charging and protects battery from overcharging
- Charges in 4 to 6 hours
- Battery contacts sealed when battery is in place
- Archer internal circuitry sealed against moisture even when battery is removed
- Power off mode extends battery during long periods of inactivity

Enunciators

- External power/charge LED indicates battery charging status
- Notification LED to alert the user of events on the device
- Other enunciators on system tray

Software Included

- Microsoft® Internet Explorer Mobile
- Microsoft® Office Mobile Applications: Word Mobile, Excel® Mobile, PowerPoint® Mobile
- Microsoft® Office Mobile: Inbox, Calendar, Contacts, Instant Messaging, Tasks, Notes, Spell checker
- Microsoft® ActiveSync® 4.x for desktop PC
- Terminal Services Client (can control your desktop from the Archer)
- Microsoft® Windows Media® Player 10 Mobile
- Calculator, games, pictures and videos (image and video viewer)
- Voice recorder
- Handwriting recognition

Development Environment

- SDK for Windows Mobile supports:
 - Embedded Visual C++® version 4.0
 - Visual Studio® 2005

Standard Accessories

- Rechargeable Li-Ion battery
- AC charger (universal voltage)
- USB cable
- Captured full-size stylus
- Hand strap
- Screen protector
- Quick Start Guide
- MS Getting Started CD
- User Documentation CD
- Screwdriver

Wireless Communication Options

- Internal Bluetooth® wireless technology option, Class 2
- Bluetooth® wireless technology, Class 1 supported (requires SD or CF card)
- Wi-Fi supported (requires SD or CF Wi-Fi card for wireless networking)
- Wireless cellular modem for wide area communication

Certifications/Standards

- FCC Class B
- European CE Mark
- FM Approved Class I, Div 2
- RoHS Compliant

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*Bluetooth technology is rated to -4° F (-20° C).

SPECIFICATIONS

Processor

- Intel® XScale® PXA270, 520 MHz

Operating System

- Windows Mobile® 5.0
- Non-volatile, secure, stored in Flash, protected from accidental erasure

Memory (RAM)

- 64 MB low-power RAM
- OS uses RAM more efficiently, providing more memory for larger applications and databases

Data Storage

- Internal solid-state 256/512 MB Flash memory
- Data and applications securely stored in Flash

CF and SD Card Slots

- Compact Flash: Type I or Type II for data storage and other peripherals
- Secure Digital (SD or SDIO) can be used with memory cards and other peripherals
- User accessible, fully sealed
- Optional extended cap for camera, GPS, Bluetooth, cellular modems, bar code, and other extended cards

High Contrast Color Display

- Active viewing area: 3.5" (89 mm) diagonal
- High visibility active matrix TFT transreflective LCD
- Transflective technology gives brilliant contrast, even in direct sunlight
- ¼ VGA, 240 x 320 pixels, selectable for portrait or landscape view
- Backlit LCD

Touchscreen

- Sealed, resistive, pressure sensitive touchscreen
- Convenient on-board stylus storage, tetherable stylus

Communications Module

- COM 1: 9-pin sub D connector with 5 V power on DTR to power other devices such as a GPS receiver or external bar code reader
- USB host (Mini A) can control other devices
- USB device (Mini B) synchronizes information to the desktop
- 12 VDC jack for power input and battery charging (wall mount or vehicle charger), 10 V–18 V
- Modular, can be customized
- Field replaceable

Physical

- Size: 6.5" length x 3.5" wide x 1.7" thin (165 x 89 x 43 mm)
- Weight: 17 oz (482 g)
- Magnesium case with scratch resistant metallic powder coat
- Easy to grip over-molding

Keyboard

- Four-way directional button
- Standard key functions include:
 - Start - menu of applications
 - Applications Manager - manages applications
 - Home - Today Screen
 - Context Menu - activates context sensitive menu
 - Return - activates enter function
- Keys can be user-defined
- LED backlit keys

Real Time Clock

- Keeps correct date and time, even during long-term battery removal



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Our representative in your area is:

Juniper Systems, Inc. provides ultra-rugged field computers,
mobile GIS and GPS, and Harvestmaster brand data collection
tools for agriculture.