

# Ultra rugged PDA



Vibrant Colour Display  
Easy Grip  
Light Tough Magnesium Case  
Large, Backlit keys

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® 6.1, 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.



### 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, camera, 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  
Extended caps are fully sealed and shockproof, protecting your peripheral devices  
Collect points, map, or navigate using GPS options



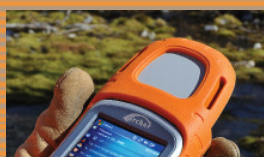
### Design features With you in mind

Captured full-size stylus  
Hidden cable routing channel  
Orient screen for portrait or landscape view with a touch of a button



### Power-Packed

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



### Field Ready

Lightweight, form fits your hand with easy-to-grip over-molding  
Ultra-rugged for use in extreme environments  
Large, tactile, backlit keys  
Use Microsoft® Office Mobile applications

Please contact us for more informations

Website:  
www.industrial-computers.com  
Email:  
sales@industrial-computers.com

Agence Ile-de-France  
144, Avenue Paul Doumer  
78360 Montesson - France  
Téléphone : +33 (0) 130 095 950  
Télécopie : +33 (0) 139 520 318

Industrial Computers France  
80, route des Lucioles - B.P. 45  
06901 Sophia Antipolis Cedex - F  
Téléphone : +33 (0) 493 004 360  
Télécopie : +33 (0) 493 004 369

Industrial Computers Ltd  
Units 3 & 4, New Bury Park, Marsh Lane  
Easthampnett, West Sussex, PO18 0JW - UK  
Téléphone : +44 (0) 1243 380 780  
Télécopie : +44 (0) 1243 538 035



## Ultra-Rugged PDA

**Processor :**

- Intel® XScale® PXA270, 520 MHz

**Operating System :**

- Windows Mobile® 6.1 Classic operating system
- Non-volatile, secure, stored in Flash, protected from accidental erasure

**Memory (RAM) :**

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

**Data Storage :**

- Internal 512 MB Flash disk
- 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 Colour 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

**Touch screen :**

- Sealed, resistive, pressure sensitive touch screen
- 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-moulding

**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

**Real Time Clock :**

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

**Environmental :**

- Operating temperature: -22 to 130° F (-30 to 55° 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 Test Procedures: Method 500.4 Low Pressure; Method 501.4 High Temperature; Method 502.4 Low Temperature; Method 503.4 Temperature Shock; Method 506.4 Rain; Method 507.4 Humidity; Method 510.4 Sand and Dust; Method 512.4 Immersion; Method 514.5 Vibration; Method 516.5 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® 4.1 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

**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 :**

- FCC Class A
- European CE Mark

Please contact us for more informations.

**Website:**  
www.industrial-computers.com

**Email :**  
sales@industrial-computers.com

**Agence Ile-de-France**  
144, Avenue Paul Doumer  
78360 Montesson - France  
Téléphone : +33 (0) 130 095 950  
Télécopie : +33 (0) 139 520 318

**Industrial Computers France**  
80, route des Lucioles - B.P. 45  
06901 Sophia Antipolis Cedex - F  
Téléphone : +33 (0) 493 004 360  
Télécopie : +33 (0) 493 004 369

**Industrial Computers Ltd**  
Units 3 & 4, New Bury Park, Marsh Lane  
Easthampnett, West Sussex, PO18 0JW - UK  
Téléphone : +44 (0) 1243 380 780  
Télécopie : +44 (0) 1243 538 035

