



what's new for you on the **archer** field pc®

Windows Mobile® 6.1 Classic Operating System

The Archer Field PC now runs Windows Mobile 6.1 Classic Operating System offering many advantages to users and software developers. Features include:

- Enhanced security and control with enterprise network, exchange server, and Internet connections keep your data safe.
- Microsoft® Office Mobile applications support Microsoft Office® 2007 file formats.
- Bluetooth® wireless technology connections are maintained through suspend and resume improving usability with connected devices.
- Multiple network connections, including Activesync, Wi-Fi, and Bluetooth, are supported even when connections are used simultaneously.
- New tools improve ease of use in the field and allow prioritization of handheld operations.
- New control panel allows use of applications while touchscreen is disabled.
- Operating system updates and data storage file maintenance are faster and easier.

More Data Storage Capacity – 512 MB Standard; Support for SDHC cards

All Archer Field PC models now come standard with 512 MB of internal data storage. The Archer now supports both Secure Digital (SD) and Secure Digital High Capacity (SDHC) cards. SDHC cards provide up to 32 GB of data storage capacity for data intensive applications.

Hemisphere GPS® XF101 Receiver – new optional extension for the Archer

The Archer with the Hemisphere GPS XF101 Receiver provides an all-in-one, fully sealed (IP67) handheld computer ready for rapid-fire, mobile GIS in extreme environments. The economical, high performance XF101 GNSS Receiver delivers real-time sub-meter GNSS to location-based applications. Higher levels of accuracy can be achieved using an external antenna and post-processing options.

new archer specifications

Processor

- 520 Mhz PXA270 processor

Operating System and Software

- Windows Mobile® 6.1 Classic
- Microsoft® Office Mobile
- Multiple languages

Memory and Data Storage

- 128 MB RAM
- 512 MB internal data storage
- Compact Flash slot (Type I or Type II)
- SD/SDHC slot, SDIO supported
- CF and SD slots user accessible

High Contrast Color Display

- Active viewing area: 3.5" (89 mm) QVGA (240 x 320)
- High visibility active matrix TFT transfective backlit LCD

Keyboard

- 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

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

Physical

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

Environmental

- IP67 waterproof and dustproof
- Operating temperature: -22F to 130F (-30C to 55C)
- Storage temperature: -22F to 140F (-30C to 60C)
- Shockproof: multiple drops from 5 ft (1.5 m) onto concrete
- Tested to MIL-STD-810F for water, humidity, sand and dust, vibration, altitude, shock, temperature

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

Wireless Connectivity 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)

Certifications and Standards

- FCC Class B
- CE Mark
- EN60950
- RoHS Compliant
- FM Approved Class I, Div 2

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
- International AC charger kit includes US, EU, Australia, UK plugs



Archer plus Hemisphere GPS XF101 Receiver

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Minimum temperature specification for Bluetooth module -4F (-20C)

