design advantages

- Built for extreme environments
- FM Approved Class I, Div 2 for use in potentially explosive areas
- Large, tactile, backlit keys
- Outdoor readable color display, portrait or landscape view
- Form fits your hands with easy-to-grip orange or gray over molding
- 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

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 transflective 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)

ULTRA-RUGGED FIELD PC