

Field PC

Ruggedized Wireless Field PC

Operating System: Microsoft® Windows Mobile® Version 5.0

Software Included: ProVision™ Mobile
Microsoft® Internet Explorer® Mobile,
Microsoft® Office Mobile [Word Mobile,
Excel® Mobile, PowerPoint® Mobile
Microsoft® Outlook® Mobile (Inbox,
Calendar, Contacts, Instant
Messaging, Tasks, Notes, Spell
Checker)], Microsoft® ActiveSync®
4.5 for desktop computer,
Terminal Services Client,
Microsoft® Windows Media®
Player 10 Mobile
Calculator
Games
Pictures and Videos (image
and video viewer)
Voice Recorder
Handwriting Recognition

Processor: Intel® XScale® PXA270, 520 MHz

Memory: 64 MB low-power RAM

Storage: Internal solid-state 256 MB Flash

Display: 3.5" (89 mm) QVGA active matrix
color TFT, Transflective (outdoor
viewable) LCD with LED backlight;
240 X 320 pixels

Touchscreen: Sealed, resistive, pressure sensitive

CF & SD Slots: Compact Flash (Type I or Type II)
Secure Digital (SD or SDIO);
CF card slot provides 3.3 volts;
User accessible, sealed

Keyboard: Four-way directional button
Standard key functions
LED backlit keys

Physical Size: 6.5" Length X 3.5" wide X 1.7" thick
(165 X 89 X 43 mm) 17 oz (482 g)
Magnesium case with elastomer
overmold

**Operating
Temperature:** -22° to 122° F (-30° to 50° C)

Storage

Temperature: -22° to 140° F (-30° to 60° C)

IP67: Sealed rating
Water Proof
Dustproof

MIL-STD-810F: Water, Humidity, sand and dust,
Vibration, altitude, shock, high temperature,
Low temperature, temperature shock

Shock

Absorbency: Multiple drops onto concrete from 5 ft

Batteries: Intelligent, rechargeable Li-Ion battery
pack 14 working-hr (nom.), operates for
more than 20 hours on one charge,
charges in 4 to 6 hours, internal circuitry
sealed against moisture when battery is
removed, change without tools

Communications

Module: 9-pin D-sub connector, USB Host (Mini A),
USB Client (Mini B), 12 VDC jack for
power input and battery charging;
modular; field replaceable

Wireless

Communications:

Built in Bluetooth® (Class 2: 30 ft. max)
[Optional Bluetooth® Card (Class 1: 100 ft. max);
Wi-Fi expansion card; wireless cellular supported].

Internal Clock:

Battery-backed real time clock keeps
time and date when battery is removed

Development

Environment: SDK for Windows Mobile® for embedded
visual C++ Version 4.0 and Visual Studio
2005

Enunciators: External power/charge LED and notification
LED; Other enunciators on system tray
Standard

Accessories: Rechargeable Li-Ion battery, wall charger
(universal voltage), USB sync cable, captured
full-size stylus, hand strap, screen protector,
quick start guide, Microsoft® Getting
Started CD, user Documentation CD,
Screwdriver

Certifications: FCC Class B, European CE Mark, RoHS