

Minimum required technical specifications of GPS Units :

- 806 MHz XScale Processor
- 3.5-inch VGA display (480 x 640) sunlight-readable color touch-screen
- Integrated SiRF Star III GPS (1–3-meter post processed accuracy*)
- Integrated 5-Megapixel Autofocus Digital Camera with Flash
- Numeric-style keypad
- Integrated Bluetooth and 802.11b/g wireless LAN
- 128 MB DDR SDRAM
- 6 GB nonvolatile Flash storage
- Secure Digital (SD) memory card slot
- AC Adapter
- Microsoft Windows Mobile version 6.1 software
- Integrated Cellular Modem
- 1D Laser Bar Code Scanner

System

- Windows Mobile® version 6.1 operating system
- 806 MHz XScale processor
- 128 MB DDR SDRAM
- 6 GB nonvolatile Flash storage
- Integrated 5-Megapixel Autofocus Digital Camera with Flash
- Secure Digital (SD) memory card slot
- Integrated Bluetooth 2.01
- Integrated 802.11 b/g wireless LAN
- 3.5-inch (8.9 cm) VGA display, sunlight-readable color touch screen
- Integrated speaker and microphone
- Numeric-style keypad
- Rechargeable battery, user-removable, hot-swappable
- 15-hour battery life with active use (default settings)
- Minimum 12-month warranty

GPS

- Integrated high-sensitivity SiRF Star III GPS/SBAS4 receiver and antenna
- 2–5-meter accuracy after real-time differential correction
- 1–3-meter accuracy after postprocessing
- SiRF InstantFixII support
- WAAS/EGNOS support

Standard Software Like

- Microsoft® Office Mobile
- Transcriber (handwriting recognition)

Standard Accessories

- Rechargeable battery
- Rugged stylus with spring-loaded tip
- Stylus lanyard
- AC Power supply
- USB data cable
- User guide
- Screen protectors (2-pack)
- Getting Started CD
- Serial boot with RS-232 and USB client connectors

TECHNICAL SPECIFICATIONS

Physical

Minimum Size 17 cm x 10 cm x 5 cm
Light Weight device
Processor 806 MHz XScale processor
Memory 6 GB Internal Flash Storage
Battery Field swappable 5200 mAh rechargeable battery

Environmental

Operating temperature $-30\text{ }^{\circ}\text{C}$ to $+60\text{ }^{\circ}\text{C}$ ($-22\text{ }^{\circ}\text{F}$ to $+140\text{ }^{\circ}\text{F}$)
Storage temperature $-40\text{ }^{\circ}\text{C}$ to $+70\text{ }^{\circ}\text{C}$ ($-40\text{ }^{\circ}\text{F}$ to $+158\text{ }^{\circ}\text{F}$)
Humidity MIL-STD-810F, Method 507.4
Sand and dust IP67, MIL-STD-810F, Method 510.3, Procedures I & II
Water IP67, MIL-STD-810F, Method 512.4, Procedure I
Drop 1.22 m (4 ft), MIL-STD-810F, Method 516.5, Procedure IV
Vibration Vibration resistant, MIL-STD-810F, Method 514.5, Procedures I & II
Altitude 15,000 ft at $+23\text{ }^{\circ}\text{C}$ ($+73\text{ }^{\circ}\text{F}$), MIL-STD-810F, Method 500.4
Procedures I, II, & III

Input/Output

Communications Bluetooth 2.0 + EDR, 802.11 b/g wireless LAN WPA2
Optional integrated cellular modem: GSM GPRS/EDGE2
DE9 (M) RS-232 serial, USB client port
USB host port via optional USB Boot accessory
Bluetooth Profiles Dial-Up Networking (DUN)—Terminal role only
Advanced Audio Distribution Profile (A2DP)—Source role only
Human Interface Device (HID), Object Push Profile (OPP)
Personal Area Networking (PAN)—Network AccessPoint role only
Serial Port Profile, ActiveSync over Bluetooth
Display 480 x 640 pixel (VGA) 16-bit color TFT with LED backlight
Audio Mono speaker, unidirectional microphone speaker
Record and playback utilities
Interface Touch screen, backlit hardware control keys
Audio system events, warnings, and notifications
Soft Input Panel (SIP) virtual keyboard and handwriting recognition software
power status LED

Accuracy (HRMS) after differential correction³

Code post processed 1–3 m
Real-time (WAAS4) 2–5 m

Certifications

FCC, CE/R&TTE, C-Tick, RoHS Compliant, PTCRB, and GCF Compliant