

Technical details:



Platform

- Data-centric wireless PDA with full voice capability, clamshell form factor and 180-degree pivot screen.
- Microsoft Windows Mobile 5.0 Pocket PC Phone Edition
- Dimension (Typical): 81mm x 127.7mm x 25mm
- Weight (Typical): 285g with battery

Processor/Chipset

- Intel Bulverde 520MHz

Memory

- Flash ROM: 128 MB
- RAM: 64 MB SDRAM

LCD Module

- 3.6" 640x480 transfective TFT-LCD with back-light LEDs
- 65K-color
- Sensitive Touch Screen
- Support portrait/landscape (touch screen input) and landscape (QWERTY keyboard input) modes

Dual Mode GSM/WCDMA Function

- Internal antenna
- Dual-Mode UMTS/GSM
- Tri-Band GSM/GPRS (900/1800/1900) + WCDMA(UMTS) (2100MHz)
- Audio codec: AMR, EFR, FR, HR
- SMS (MO, MT), concatenated SMS (640 Characters)
- Supplementary Services Call holding/ waiting/ forwarding CLI (Calling Line Identity) Display own number Multi-party conference call Phase 2+ unstructured supplementary service data

Interface

- 3V USIM card
- One mini-USB connector
- SDIO/MMC card slot
- 3.5 Ø stereo earphone/microphone jack
- 2 External antenna connectors (WCDMA and GSM/GPRS)

Power

- Battery
- Removable rechargeable Lithium Polymer battery (Typical capacity: 1620mAh)
- Battery life
- Standby time
- GSM: 220~260 hours
- WCDMA 190~250 hours
- Talk time (Screen off):
- GSM: 5~8 hours
- WCDMA: 2~4 hours
- AC Adapter
- AC input: 100~240Vac, 50/60Hz
- AC input current: 0.2Aac (max).
- Output voltage: 5Vdc (typical)
- Output current: 1A (typical)
- USB charging
- Ambient light sensor detecting ambient light for keyboard to save power.

Device-to-Device Connectivity

- Infrared IrDA FIR
- Bluetooth Compliant with v1.1 Class 2 transmit power
- WiFi 802.11b (manufacture option) IEEE 802.11b compliant WLAN Antenna: internal 11, 5.5, 2 and 1 Mbps per channel, auto fallback for extended range Encryption: 64-, 128- bit WEP standard data encryption
- USB 1.1
- SDIO/MMC

- Network Lock
- Network selection
- Cell broadcast
- Network Lock
- GPRS Functionality GPRS class B Multi-slot standard class 10 PBCCH MO/MT SMS over GPRS
- USIM 3V of UICC USIM Application Toolkit SIM Application Toolkit Release 99 Over the air programming

Stylus

- Lock Type Mechanism

Keyboard/Button/Switch

- Built-in 62 keys QWERTY Keyboard (including two softkeys, one start button, one OK button, one send callkey, one end call key, and 56 alphanumeric and symbol keys)
- One POWER button
- One Backlight button
- One Camera shutter
- Volume control (up and down)
- One 5-way Navigation button – key orientation shall be adjusted after view changed.
- Two phone buttons (hinge): SEND & END
- RESET switch

Notification

- 1st lenses - bi-color (green and red) LED for networkstandby, network message, network status,notification,and charging status
- 2nd lenses - bi-color (green and blue) LED for WiFi and bluetooth notification
- Notification by Sound,Vibration,and Message on the display

Audio

- Dual Receivers
- Dual speakers for Hands-Free supported
- Built-in Microphone
- Full duplex
- Audio sampling rate 16-bits with 8KHz, 11KHz, 22KHz, 44.1KHz

Camera

- Main Image Sensor: 1.3 Mega Pixels CMOS
- Second Image Sensor: CIF CMOS
- Operating above 5 Lux
- Flash/Video Light
- Portrait mode default (Full screen preview)

Accessories

- Standard
- AC adapter
- USB Sync. Cable
- Stereo wired headset - stereo earpiece, mono microphone, Volume Control, and pick up/drop calls
- Standard Battery
- User Manual, Quick Start Guide & Software CD
- Pouch
- Stylus

Windows Mobile 5.0 Applications

- Microsoft Pocket Outlook: Inbox, Contacts, Calendar,Tasks
- Microsoft Windows Media Player
- Microsoft Pictures
- Microsoft MSN Messenger
- Microsoft Pocket Internet Explorer
- Pocket Office
- Microsoft ActiveSync
- Games
- Calculator
- Voice Notes
- Photo Contact ID

Value Added Applications

- Ring tone SW polyphonic MIDI ring tones SMF/ SP MIDI MP3, AAC, ring tone
- DirectShow Filter for WMP
- Camera / Camcorder
- Video Telephony
- ZIP
- Smart Dialing
- Pictures Enhancement
- T9 Phone Pad
- Wireless Modem
- Wireless data manager (UMTS/GSM/GPRS, Bluetooth,802.11b)
- MMS with video clip support
- DRM: OMA 1.0 engine
- Java virtual machine (J2ME, CLDC 1.1, MIDP 2.0,JTUI)
- PDF Viewer

Regulatory

- R&TTE
- WiFi Certification
- BQB (Bluetooth Qualification Body) certification
- Microsoft Pocket PC 2004 Logo (NSTL)
- USB certification

SAR

- 0.172 mW/g @10g