

Platform

- OS: Microsoft Windows Mobile 2003 Smartphone Second Edition

Dimensions

- 107.54mm(L) x 46.2mm(W) x 17.5mm(T)
- 103 g (with battery pack)

Processor

- TI OMAP 730 tri-band GSM/GPRS solution

Memory

- 64 MB ROM
- 32 MB SDRAM

LCD Module

- 2.2", 176x220 pixels
- 64K colors, TFT transfective LCD
- LED back light

GSM/GPRS Functional Block

- Internal antenna
- Full integrated GPRS / GSM (Tri-band) module
- GSM900: 880-915, 925-960MHz
- GSM1800: 1710-1785, 1805-1880MHz
- GSM1900: 1850 -1910, 1930-1990MHz
- Auto Band Switching
- Generic GSM service
- Call holding, waiting, forwarding
- Call barring
- CLI (Calling Line Identity)
- SMS (Short Message Service)
- SMSMT, SMSMO, SM Reply, SM Replace, SM Acknowledgement, 8 Bits SMS Data
- Long Message (640 Characters)
- Display own number, telephone number storage capability in terminal and SIM card
- Network selection
- Cell broadcast
- Multi-party capability
- Spool icon
- Phase 2 Unstructured Supplementary Service Data
- EFR/FR
- Network Lock

GPRS functionality

- GPRS class B
- Multi-slot standard class 10
- PBCCH

SIM

- 3.0V SIM operation
- SIM application toolkit
- Security
- Pin 1 & 2 Control

Keyboard/button

- One Power button (Top button)
- Quick Press: Quick List
- Long Press (Press & Hold two second): turns on and off power
- One Numerical Dialing Keypad (12 buttons)
- Keypad is labeled as GSM 02.30
- Three standard modes for keypad text entry: T9, Multi-press, and Numeric
- Two Soft-key Buttons
- One Home button
- One Back Button
- In the keypad area (opposite side of the Home button)
- Send Phone Button
- Quick Press: Start a phone call
- Long Press (Press & Hold) : Switch on or off the Loud Speaker during incoming call
- End Phone Button
- Quick Press: End a phone call
- Long Press (Press & Hold): turn on Key-lock
- One 5-way navigation keypad
- One camera capture button
- Volume Up button
- Quick Press: Volume Up
- Long Press (Press & Hold): Voice Record
- Volume Down button

Notification

- One Bi-color LED (Green and Red) for GSM standby, GSM network status, Event Notification, Power Charging status
- One Blue LED for Bluetooth connectivity status
- Vibration for notification and incoming call
- Notification by LED, Sound, Message, Vibration Motor

Audio

- Receiver
- 15mm loud speaker
- Earphone/ microphone jack with stereo sound, 2.5mm diameter

Audio sampling rate

- Decode: 16-bits with 8KHz, 11KHz, 22KHz, 44.1KHz
- Encode: 16-bits with 8KHz

Audio (record) codec

- AMR/AAC
- 40 chords polyphonic ring tones
- Support Standard MIDI format 0 and 1

CMOS Color Camera

- Resolution: VGA
- Preview Mirror

Interface

- 3.0V SIM card

- One mini-USB connector (Slave USB, Power IN)
- One infrared IrDA SIR (On the top)
- One miniSD memory card slot (under battery cover)
- One external antenna connector

Power

- Talk: 3 ~4 hours
- Standby: 130 hours

Standard Battery

- Rechargeable battery, 970 mAh

AC Adapter:

- AC input rating: 100 ~ 240 VAC, 50/60Hz
- DC output rating: 5VDC, 1A
- Ambient light sensor for LED power consumption

Device-to-Device Connectivity

- Bluetooth
 - Compliant with v1.1
 - Class 2 transmit power

Supported profiles:

- Serial Port Profile
- Dial-up Networking Profile
- Headset Profile
- Generic Object Exchange Profile

- Infrared IrDA SIR
- USB mini-B plug and receptacle

Accessories

- AC adapter w/ DC_IN via mini-USB Plug
- USB Sync. Cable
- Stereo wired headset with microphone
- Standard Battery
- User Manual, Quick Start Guide, Sync. Software CD

Optional Accessories

- Car adapter
- Traveler charger with backup battery charging slot
- Car Kit w Car Stereo Mute function
- Carrying Case
- Mono Wired Headset with microphone
- Mono Bluetooth Headset with microphone

Smartphone 2003 Applications

- Microsoft Pocket Outlook: Inbox, Contacts, Calendar, Tasks
- Microsoft Windows Media Player
- Microsoft MMS client
- MSN Messenger
- Microsoft Pocket Internet Explorer

- Microsoft ActiveSync
- Games
- Calculator
- SIM Manager

Value-Added Applications

- MMS
- Photo contact/ caller ID
- Photo Album
- Camera capture utility
- MPEG4 camcorder
- 40 chords polyphonic ring tones
- Support Standard MIDI format 0 and 1
- Audio Record/Play (support WAV/WMA/AMR /AMR-WB/AAC/AAC+/MP3 stereo)
- File/Task/Space Manager
- T9 predictive text input
- Wireless modem
- Regulatory
- R&TTE: EMC / EMI, CEM, Safety
- Windows Mobile Logo (NSTL)
- USB compliance test
- Bluetooth 1.1 certification