

2009  
NEW MODEL



## IT8000

Powerful performance inside,  
Compact and Ergonomic design,  
Industry level rugged mobile computer,  
Longest lasting operating time in the market.



# IT8000

## MOBILE COMPUTER SERIES SPECIFICATIONS

### Physical Characteristics

- Dimensions : 6.89in L x 2.60(2.20)in W x 1.69(1.38)in D (175mm L x 66(56)mm W x 43(35)mm D)
- Weight Laser/Standard Battery : 11.65oz (330gm) (with WLAN)
- Laser/Hi-Capacity Battery : 13.23oz (375gm) (with WLAN)
- Display : 2.8" in transmissive QVGA TFT (320 x 240, 256K color)
- Touch : 4-wire resistive type class touch panel
- Backlight : 300nits LED
- Main Battery : 2000mAh@3.7Vdc Li-Ion rechargeable smart battery
- Backup Battery : 15mAh@2.4V Ni-Mh rechargeable battery
- Expansion : Micro-SD slot (compatible with microSDHC)
- Communications port : RS-232, USB 1.1 (Host and Client, switchable by SW)
- Status Indicator : one LED for charger status  
one LED and Vibrator for scanning  
one LED for Bluetooth connection  
one LED for WiFi connection
- Keypad : 32keys numeric keypad ( support terminal full-text environment)
- Audio : Mono Speaker, Stereo Microphone, 2.5mm DIA Stereo earphone jack

### Performance Characteristics

- Processor : Marvell/Intel PXA270@624Mhz
- OS : Microsoft Windows CE 5.0(R) Professional
- Memory RAM/Flash : 128MB RAM/256MB Flash

### User Environment

- Operation Temperature : 14°F~104°F/ -10°C~40°C
- Storage Temperature : -13°F~ 140°F / -25°C ~ 60°C (without Battery)
- Humidity : 95% non-condensing @ 40°C
- Drop Spec : 3.94ft(1.2m) free drop to concrete, 3 drops per 6 sides
- Tumble Drop Spec : 100 times 1.0m tumbles (200 drops)
- Environmental Sealing : IP54 standard
- ESD : +/- 8KV Air Discharge, +/-4KV Contact Discharge

### Wireless Data Communication

- WPAN : Bluetooth Class II V2.0+EDR
- WLAN
  - Network Standards : 802.11b/g
  - Frequency Band : 2.4 ~ 2.4897 Ghz
  - Wireless Media : DSSS and OFDM
  - Data Rate : 802.11b(DSSS) ~11MB/per second 802.11g(OFDM) ~54MB/per second
  - Security : Standards : WEP, WPA, WPA2(IEEE 802.11i)
  - Encryption : WEP, TKIP, AES
  - Encryption Key Provisioning : Static (40bits and 128bits), Pre-Shared (PSK), Dynamic EAP-Fast, EAP-TLS, PEAP-GTC, PEAP-MSCHAPv2, LEAP
  - 802.1X EAP type : WiFi Alliance (802.11b, 802.11g, WPA-Enterprise WPA2-Enterprise)
  - Certifications : Cisco Compatible Extensions (CCX) version 4

### Data Collection

- Data Capture : 1D Laser Motorola/Symbol SE955

### Peripherals and Accessories

- Single Dock Cradle : Cradle (w/ USB Cable), with 2nd battery charging slot
- Cradle Cables : Serial cable for Cradle, USB cable for Cradle
- Communication Cables : Synchronization and Charging Y-Cable (USB) Synchronization and Charging Y-Cable (Serial)
- Battery : Standard Battery(2000mAh Li-Ion), Hi-Capacity Battery(4000mAh Li-Ion)
- Others : Sytlus Pen, Hand Strap, Adapter

### Regulatory

- Environment : Compliance with RoHS
- Safety : CSA IEC 60950-1, CB, CCC, BSMI (CNS14336)
- EMI : FCC Part 15 Subpart B, Subpart C, SAR (OTA65), CE EN 300328, EN 31489-1/-17, EN 55022/24, EN 50392, SRMC, NCC (LP0002)
- Laser Safety : IEC 60825-1, 21CFR1040.10, EN 60825-1



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