

7530 G2

Specifications



Processor & Memory

- Marvell® XScale® PXA 270, 520 MHz
- 64 MB Flash ROM
- 128 MB RAM



Operating System

- Windows® CE 5



Wireless Communications

- 802.11 b/g Direct Sequence (DS) - Extended Range Compact Flash (CCX-Certified)
- Security:
 - WPA 1, 801.1i/WPA 2
 - Encryption - Dynamic WEP, AES
 - EAP Types - LEAP, PEAP, MS-CHAP v2, PEAP GTC, EAP-FAST, TLS, TTLS.
- Narrowband 403-512 MHz PC Card radio

Application Software

- Internet Explorer® 6 for CE
- Wordpad
- Active Sync
- Open TekTerm
 - ANSI emulation
 - TESS terminal emulations
 - IBM 3270, IBM 5250, HP 2392

User Interface

Display:

- 1/4 VGA portrait mode, 160 cd/m²
- Automatic backlight & contrast control
- Sunlight readable - bright display (for outdoor use)
- Color 3.5" (8.9cm) 240 x 320 graphic transflexive TFT
- 256K displayable colors
- Hi-reliability white LED backlight (1.5 ft-L)

Touchscreen options:

- Ultra-rugged 5-wire technology
- Passive stylus or finger operation
- Signature capture
- Integral stylus holder

Keyboards:

- 2 formats available



- 37 key large button (10 F-keys)
- 63 key alpha (10 F-keys)
- Illuminated with EL backlight
- Ergonomic ambidextrous one-hand operation with dual Enter keys
- Dedicated function keys
- Hard-capped keys
- Elastomer keys

Sound:

- Voice Features - speaker and mic
- Record/playback email attachments

Indicators and Controls:

- Multicolour LEDs for radio transmit/ receive, scanning, battery status, user applications



RFID Applications

- Multi-protocol support @ 900 MHz



Internal Bar Code Scanners

- 1D Standard Range Laser
- 1D Standard Range Fuzzy Logic Laser
- 1D Long Range Laser
- 1D Advanced Long Range Laser
- 1D Auto-Ranging Laser
- PDF417 Raster Laser
- 1D Imager
- 2D Imager

Internal Expansion Slots

- One SD I/O (MultiMediaCard) slot
- One Type II Compact Flash slot
- One Type III Extended PC Card slot

External Ports

Tether port with:

- RS232 serial (decoded/undecoded scanner, printer)
- USB host

Docking Station Port with:

- RS232 serial
- USB device support
- USB host support
- Power in/out

Size & Weight

- Size: 10.6"L x 3.9"W x 3.3"D (270mmL x 100mmW x 85mmD)
- Keypad grip area: 3"W x 1.7"D (77mmW x 43mmD)
- Weight: 37.39oz (1060g)
 - Includes std. battery, std radio & std. internal scanner
 - Pistol grip add 4oz (125g)

Power Management

- Li-Ion standard battery (11.1 V, 1900 mAh, up to 12 hrs usage*)
- Optional Li-Ion High Capacity battery (11.1 V, 2400 mAh, up to 17 hrs usage*)
- Quick swap packs
- Advanced Smart Battery with gas gauge
- Built-in fast charger (2hrs)
- System backup during battery swap (15 min)
- 1 week real-time clock backup
 - * less in freezer applications



Environmental

- Operating temp: -22°F to 140°F (-30°C to +60°C)
- Storage temp: -40°F to 140°F (-40°C to +60°C)
- Humidity: 5% - 95% RH condensing
- Rain/Dust: IEC 529, classification IP67
- Drop Rating: 6' (1.8m) - multiple drops, plus 5' (1.5m) - 26 drops to polished concrete.
- Cradle shock: 30g in each axis
- Cradle vibration: 50g RMS PSD (4 - 500 Hz) (random)
- Optional frost free scan window

Network Management & Security

- SNMP MIB 2 support
- Remote software download
- Remote WLAN management
- Enhanced security for 802.11

Regulatory Approvals

- Safety: UL 1950, CSA C22.2 No950, LVD N60950
- EMC: FCC Part 15 Class B, EMC Directive Class B
- Laser: IEC 60825-1 2001 Class 2 (EN60825-1)

A complete list of accessories is available at: www.pSION.com



Product is ROHS Compliant.

* Note this product will carry the CE Mark.
* Specifications are subject to change without notice.

For more information, please visit www.pSION.com

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