

# 7530 G2

The Hard Nut

PSION



The 7530 G2 is tough. Just about the toughest rugged handheld computer on the market. Which is just as well—it's built for one of the most unforgiving working environments there is: the cold chain.

The truth is there isn't an extreme environment extreme enough for the 7530 G2. It just keeps coming back for more.

Is there a more intelligent, rugged handheld computer out there? Not likely ...

[www.pSION.com](http://www.pSION.com)



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## Beyond Rugged

Extreme working environments demand the toughest tools on the planet. And there's none tougher than the 7530 G2. None. It thrives in the bleakest conditions. And excels where weaker equipment surrenders. It even makes light work of that brutal environment—the cold chain.

But don't label the 7530 G2 a bruiser. It's as agile and flexible as it is powerful, with a dizzying range of applications to help you get the job done.



Airports



Ports & Container Yards

## Features & Benefits

### Beyond Rugged

You've got to try hard to take the 7530 G2 to its limits. It has a drop rating of 2 meters to polished concrete. And it has an IP rating of 67, the highest IP rating of any handheld computer on the market (meaning it's pretty much impervious to dust and moisture).

The 7530 G2 doesn't care about temperature, either. It can withstand extremes of -30°C to +60°C (-22°F to 140°F). Even when you move between hot and cold environments (condensing environments), the scan window will not frost or be covered with condensation due to our frost-free scanning technology.

### Ergonomics for the Mobile Worker

Pick up the 7530 G2 and it hits you. How well-balanced it feels. Something about it immediately feels right.

And it looks right, too. You can read the bright VGA display even in glaring sun.

And the backlit, hard-capped keypad, together with the dual-enter keys, means one-handed use couldn't be easier. No matter how long the shift lasts.

### Endless Flexibility

The 7530 G2 has a Windows® operating system and fits into your infrastructure, hassle-free. And because it's based on industry standards, you can add apps and accessories as your needs change. So you never need worry that you've made a short-sighted decision.

### Look What We've Packed In

Integrated Bluetooth® and WiFi or Narrowband WLAN options are all here. The 7530 G2 is as flexible as applications need it to be.

## CASE STUDY



Cold Chain

### US COLD STORAGE

#### Extreme Toughness for Extreme Cold

- Improved operational efficiency and ROI
- Reduced operation and support costs
- Full functionality in harsh environment
- Improved warehouse productivity
- Full functionality in freezing temperatures, from -5° to -15°F (-20° to -26° Celsius)
- Sustainable battery life for entire workday

# 7530 G2

## Accessories



### Quad Unit Docking Station and Charger

Charge up to four units simultaneously while also providing Ethernet connectivity. Can be used with either the 7530 G2 or 7535 G2.



### Desktop Docking Station

Charges a docked 7530 G2 or 7535 G2 while also charging a spare battery in a receptacle on the side of the unit. Data communications are available via an Ethernet port on the back of the docking station.



### 6-Slot Spare Battery Charger

Fully charge up to six batteries in less than two hours. Status indicators remove the guesswork and ensure that you don't remove a battery until it's fully charged.



### Pistol Grip Kit

Increase scanning efficiency with this center-balanced pistol grip. Installation is simple: Tighten the four screws and it's ready to go.



### Heavy-Duty Shoulder Strap

This heavy-duty shoulder strap provides extra comfort with an extra-thick shoulder pad. It's designed to withstand rain while remaining flexible even at temperatures as low as -30°C (-22°F). A tear-away safety feature avoids accidents by protecting the user in case of an inadvertent tangle with machinery.

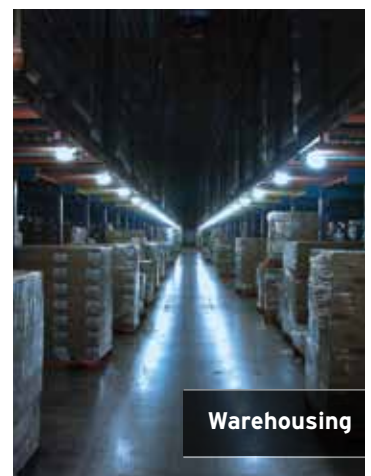


### Forklift Cradle

Available in powered or non-powered variants and with or without communication ports, this cradle is rugged, features various mounting options and provides single-handed release capability. An optional 10 - 90 VDC power supply ensures compatibility with any forklift power characteristics.



"As soon as they finish one activity, the picking and packing staff receive instructions for the next, making picking much more efficient ... Immediate inventory updates allow resource planners to respond proactively to stock shortages."  
- Bear Creek



# 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, 801.11i/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
- On-board Bluetooth radio 2.4 GHz (10m range)
- 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/m<sup>2</sup>
- 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
  - High-reliability white LED backlight (1.5 ft-L)

#### Touch screen 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 e-mail 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)
- One-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](http://www.pSION.com)



Product is ROHS Compliant.

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



BEC (Systems Integration) Ltd.  
+ 01254 688088  
info@becsi.co.uk



For more information, please visit [www.pSION.com](http://www.pSION.com)

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