

# 7535 G2

Warehouse Workforce Multiplier

PSION



The warehouse is a frantic place. When things go wrong, operations stall. Quickly. Which is why workers need the toughest, most powerful tools they can get their hands on.

The 7535 G2 helps workers keep the warehouse in full production. No log-jam of products. Just a build up of profit.

Is there a more intelligent, rugged handheld computer out there? We don't think so...



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## Warehouse Hard Nut

### Beyond Rugged

The warehouse waits for no one. If you don't keep the pace, morale and productivity plummet. You need to arm your workers with tools that are tough enough to match this demanding environment. And then some. You need the 7535 G2. There's none tougher!

But it's not just 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



Warehousing

### Features & Benefits

#### Beyond Rugged

A drop rating of 1.8 meters (6 feet) to polished concrete. An IP65 rating – so it's impervious to dust and moisture. The 7535 G2 doesn't care about temperature, either. It can withstand extremes of -10°C to +50°C (14°F to 122°F) and just keep working.

Ergonomics for the mobile worker  
The 7535 G2 is light, well balanced and sits comfortably in any size hand.

And it looks right, too. You can read the bright 1/4 VGA display even in direct sunlight. The backlit, hard-capped keypad won't wear out, can be used in all lighting conditions and provides exceptional tactile feedback for ease of operation. No matter how long the shift lasts. It's all part of Natural Task Support™, our approach to mobile productivity and comfort.

#### Endless Flexibility

The 7535 G2 has a Windows® operating system and slots into your wireless infrastructure and applications, hassle free. And because it's based on industry standards, you can add applications as your needs change. So you never need worry that you've made a short-sighted decision.

#### Radio Options

Integrated Bluetooth® and WiFi connectivity ensure that the 7535 G2 is never out of contact.

### CASE STUDY



Yard Management

#### FAPS INC

#### Inventory Tracking Success with Wireless Infrastructure and Handheld Computing

- ROI - estimated payback within 6-12 months
- System 75% less expensive than competitors due to reduction in antennas, access points, and related installation time and services
- 10% productivity increase due to handheld performance and wireless infrastructure that has 4 times more reach than previous system

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## Accessories



### Quad Unit Docking Station and Charger

Charge up to 4 units simultaneously while also providing ethernet connectivity. Can be used with either the 7535 G2 or 7530 G2.



### Desktop Docking Station

Charges a docked 7535 G2 or 7530 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 6 batteries in less than 2 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.



### Holster

Protect your 7535 while keeping it close-at-hand with this ergonomic carrying case. The holster is compatible with any 7535 configuration and features separate compartments for an extra battery and replacement stylus.

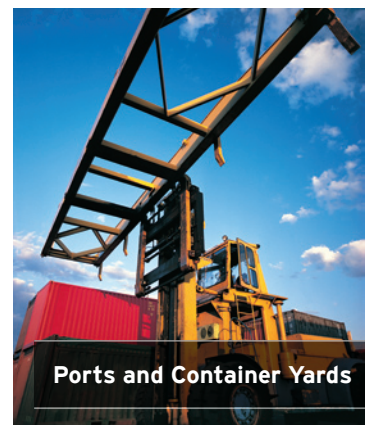


### Fork Lift Cradle

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.



"We are very happy with the product and solution they [Psion] have provided us with. We have been using their equipment for over two years now and have been impressed with both the company and the equipment. I would not hesitate in recommending them." - HarperCollins, UK



# 7535 G2

## Specifications\*



### Processor & Memory

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



### Operating System

- Windows® CE 5.0



### Wireless Communications

- 802.11 b/g Compact Flash Radio operating in 2.4 GHz band (CCX Certified v.4)
- 802.11a/b/g Compact Flash Radio with integrated antenna operating in 2.4 GHz and 5 GHz bands
- On-board Bluetooth® radio 2.4 GHz (10m range)

### 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/m<sup>2</sup>
- Automatic backlight & contrast control
- Sunlight readable – bright display (for outdoor use)
- Hi-reliability white LED backlight (1.5 ft-L)
- Color:
  - 3.5" (8.9cm) 240 x 320 graphic transflexive TFT
  - 256K displayable colors
- Monochrome:
  - 3.5" (8.9cm) 240 x 320 TFT
  - Black on white

#### Touchscreen:

- Plastic 4-wire (1 million touches)
- Glass 5-wire (20 million touches)
- Passive stylus or finger operation
- Integral stylus holder

#### Keyboards:

- 2 ABCD formats available



- Standard 58 key alpha (6 single push function keys, 30 addressable)
- Optional 36 large key (10 single push function keys, 30 addressable)
- EL Keypad backlight
- Ergonomic ambidextrous one-hand operation
- Hard-capped keys (rated at 1M+ cycles)

#### Indicators and Controls:

- Internal 95 dBA beeper with volume control
- Multicolor LEDs for radio transmit/receive, scanning battery status, user applications



### RFID Applications

- Multi-protocol support @ 900 MHz North America / 868 MHz Europe / 952 MHz Japan / 920 MHz China

### Internal Expansion Slots

- One SD memory card slot
- One Type II Compact Flash 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

### Environmental

- Operating temp: 14°F to 122°F (-10°C to +50°C)
- Storage temp: -13°F to 140°F (-25°C to +60°C)
- Humidity: 5% – 95% RH non-condensing
- Rain/Dust: IEC 529, classification IP65
- Drop Rating: Withstands multiple drops from 6 ft (1.8m) or 26 drops (on 12 edges, 6 corners, 8 faces) from 5 ft (1.5m) to concrete while powered on and configured with accessories such as WiFi radio, scanner/imager and pistol grip.
- Cradle shock: IEC 60068-2-27: Test Ea, 300 m/s<sup>2</sup>, 11ms, half-sine, 3 shocks in each of 6 directions
- Cradle vibration: IEC 60068-2-64: Test Fh, Random, 3 axis; 5.0 m<sup>2</sup>/s<sup>3</sup> ASD, 10-200 Hz; 1.0 m<sup>2</sup>/s<sup>3</sup> ASD, 200 – 500 Hz

### Power Management

- 7.4V @ 1900mAh Li-ion rechargeable battery
- 8 hour battery operation (5 scans, transmit & receive/min)
- Smart Battery System Level 3 compliant
- Built-in gas gauge & performance monitor
- Quick swap battery packs
- Built-in fast charger (1.75 hour typical recharge)
- Self-guiding & latching battery pack design
- System backup (up to 20 minutes) during battery swap
- 1 week real-time clock backup
- Adjustable battery allocation between system backup and runtime



### Internal Barcode 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



### Size & Weight

- Size: 10.24" L x 4" W x 2.5" D (260mmL x 102mmW x 62.5mmD)
- Keypad area: 3" W x 1.4" D (76mm W x 36mm D)
- Weight with battery: 24.87oz (705g), Pistol grip - add: 3.05oz (86g)

### Regulatory Approvals

- Safety: UL 1950, CSA C22.2 No950, LVD EN60950
- EMC: FCC Part 15 Class B, EMC Directive Class B
- Laser: IEC 825-1 Class 2 (EN60825-1), 21CFR1040 Class II

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.

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

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