OMNII™ XT15

ADAPTABILITY GIVES YOU MORE

The Ultimate Handheld for Supply Chain Logistics

The Omnii™ XT15 is uniquely adaptive by design – combining extreme versatility with open innovation to deliver the flexibility you require to adapt as your business needs change.

As the next evolution of the Omnii™ platform, the Omnii™ XT15 takes the best features of the Omnii™ XT10 and adds new functionality to create a device that gives mobile workers the greatest access to business applications – anytime, anywhere.

With its certified IP67 and IP65 rating, the Omnii™ XT15 is also the most rugged handheld device Psion has ever made – delivering reliable performance and unparalleled adaptability for the most demanding of environments and applications.

Find out why Omnii™ XT15 is the ultimate supply chain handheld solution.

OMNII™ XT15

Adaptive by design

Tested and developed with our customers and partners, Omnii™ XT15 is uniquely adaptive by design. So you can quickly configure it to meet any business need.

Omnii™ XT15 is a product of Psion's open source business model, a single, versatile computing platform that gives you the flexibility and freedom to adapt your device with exactly what you need – when you need it. Adding new technologies as required with minimal cost and no risk of obsolescence.

Key Features & Benefits

Building on the unique adaptability of the proven Psion Omnii™ platform, the all-new Omnii™ XT15 raises the bar even higher to deliver the highest levels of ruggedness and functionality.

Technology Made Tough

The Omnii™ XT15 comes with the option of Windows® CE 6.0 or Windows® Embedded Handheld 6.5 operating systems, both of which integrate seamlessly to automate key processes and boost productivity in real-time. Plus, it is certified IP67 and IP65 as well as the most rugged handheld device Psion has ever made, so it will work wherever you take it.

Field-Upgradeable Adaptability

Omnii™ XT15 is always fit for purpose, so you can configure it the way you want and later bolt on what you need. This allows for future-proof flexibility as hardware can be reconfigured – and not replaced – saving your business up to 30% on lifetime total cost of ownership.

Real-World Practicality

Psion understands how to make mobile workers more productive in the harshest of environments and we have designed all elements of the Omnii™ XT15 to reflect that expertise. Built with the new Texas Instruments® AM3715 Sitara ARM microprocessor and a Psion designed Custom ASIC architecture, Omnii™ XT15 delivers industry-leading performance and efficiency with an extended battery life of up to 20 hours. The 3.7" VGA colour display allows for improved worker visibility and the 95db keypad beeper with vibration feedback is perfect for loud industrial environments.

Optimised Ergonomics

Ergonomics are crucial to ensuring mobile workers are efficient and effective on their jobs. The Omnii™ XT15 features a balanced construction that is perfectly weighted for comfort, practicality and Natural Task Support. Furthermore, Omnii XT15 is equipped with PsionVU software and transflective touch screens that enable a friendly user interface.

For more information, please contact your Psion sales representative.

ADAPTABILITY GIVES YOU MORE

More Durability

Omnii™ XT15's extreme duty display is tougher than the competition and can withstand a 1.25 Joule impact breakage.

More Battery-Life

The large capacity 5000mAH smart battery boasts a highly efficient architecture to deliver best-in-class power savings and an extended battery life of up to 20 hours.

More Keyboard Options

Omnii™ gives you 6 keyboard styles including QWERTY numeric. Each features an easy-to-use ergonomic design and ultra-white backlight to make even one handed operation in the dark possible.

More Scanning Options

New data capture options include a range of high performance, sensitive scanners with good/bad scan indicators, Imager Control Services (ICS) and cameras.

More WiFi Connevtivity

An expanded wireless offering introduces 3.8G HSPA+ and 2.5G EDGE (WWAN-Broadband), and 802.11a/b/g/n (WLAN - WiFi).

More Sensors

The industry's only tri-sensor features an accelerometer, GPS and a digital compass to enable screen rotation; data geo-tagging; compass calibration detection and motion sense+.

Typical Applications

Warehousing
Keeping the supply chain moving as quickly and efficiently as possible is key to running a successful warehouse. The Omnii™ XT15 tracks inventory in real-time as it enters and leaves the warehouse, so products are where they need to be – right when they're needed.

Manufacturing
Whether on the line or at the dock, better data means fewer errors and lower costs. Create a seamless work environment with the Omnii™ XT15 by connecting employees with accurate up-to-the minute information, so they can deliver better products faster; reduce waste; control costs, and improve customer service.

Distribution and Logistics
Access to real-time communications is vital for those in the business of moving goods whether by land, sea or air. The Omnii™ XT15 delivers the features, logistics and distribution employees need for complete visibility of orders, wherever they are, wherever they need to go.

The extensive feature set and unique modular design of Omnii™ XT15 means it is not limited to the applications highlighted above. This rugged handheld computer can help businesses increase efficiencies and maximize productivity in a variety of other applications including Ports and Railyards, Postal and Courier Services, and Utilities and Asset Maintenance.

THE OMNII™ ADVANTAGE

Longer Product Life
Unrivalled Options & Choice
More Value – Free Module Upgrade

Omnii™ delivers the best lifetime total cost of ownership. When you buy an Omnii solution, you may upgrade one modular option to a new module free of charge, for the usable life of the product – no minimum order sizes, no special signups.

The Omnii™ Advantage means knowing today's choice will satisfy tomorrow's needs.

Visit www.psion.com/omniiadvantage to learn more!

*Terms and conditions apply

Key Accessories

Switchable Keyboard
Omnii™ XT15 offers the choice of six different keyboard styles including alpha-numeric (55 or 59 key), numeric (34 or 36 key), numeric-alpha modified, and QWERTY numeric. All keyboards are built for tough environments, feature large buttons for ease-of-use with gloved hands, and allow for single push operation with a positive feel.

Integrated 1D, 2D and AutoRange Scanners
Five unique solutions are available to fit almost all applications. Ranges from 6" to 50ft. Scan both 1D and 2D bar codes. Through improved fuzzy logic, highly sensitive good/bad scan indicators and Imager Control Services (ICS), Omnii™ XT15 integrated scanners feature improved performance in reading poorly printed and damaged barcode labels.

Desktop Docking Station
The Desktop Docking Station simultaneously charges the device and a spare battery and includes dual USB ports, optional serial and Ethernet ports and a positive lockdown docking.

6-Slot Spare Battery Charger
The 6-Slot Spare Battery Charger allows for six spare batteries to be charged simultaneously. It can be mounted to the wall or sit alone on a desktop. Each slot features individual battery charge level indicators.

For a complete list of Omnii™ XT15 accessories, please visit www.psion.com

Specifications*

Flexibility
- Customer IT or VAR serviceable
- Maximum 'last step' configurability
- Keypads*, endcaps, pods swappable

Platform
- Texas Instruments® AM3715 Sitara ARM Processor 800 MHz
- 256 MB RAM
- 1 GB Flash ROM

Operating System
- Windows® CE 6.0
- Windows® Embedded Handheld 6.5

Application Software
Windows® CE 6.0:
- Internet Explorer Embedded
- Microsoft WordPad

Windows® Embedded Handheld 6.5:
- Windows® Office Mobile 2010, includes Word, Excel, PowerPoint, OneNote & SharePoint
- Internet Explorer Mobile
- Windows Office Outlook Mobile
- Windows Media Player Mobile

Terminal Emulation:
- Open TekTerm
- Stay-Linked Terminal Emulation
- Naurtech Browser
- Naurtech Terminal Emulation

Mobile VPN:
- NetMotion Mobility XE VPN

Device Management - Mobile Control Center (MCC):
- Easy configuration management and provisioning platform
- Powerful remote control and troubleshooting functionality
- Integrated real time geofancing and location services
- Advanced device security, user authentication and lockdown features.

Voice Applications:
- Walkie-talkie style Push-to-Talk - VoIP over WiFi or WWAN

Software Utilities:
- PsionVU
- Total Recall / TweakIt / Dr. Debug

Wireless Communications
- Integrated Bluetooth® V2.0 + EDR
- On-board IEEE 802.11a/b/g/n (CCX V4 Pending) radio:
  - Security: 802.1X, WPA / WPA2-Enterprise
  - Authentication: FAST-MSCHAPv2; LEAP; PEAPv0-MSCHAPv2; PEAPv1-GTC; TLS
  - Encryption: 64/128 WEP, AES-CCMP, TKIP
- Optional SIRF III GPS Receiver
- Optional 2.5G GSM/GPRS/EDGE radio
  - Quad-Band GSM: 850, 900, 1800, 1900 MHz
- Optional UMTS 3.8G HSPA+ radio (Available Q2 2012)
  - Five Band UMTS: 800/850, 900, 1900, 2100 MHz
  - Quad-Band GSM: 850, 900, 1800, 1900 MHz

Barcode Scanner Options
- Motorola SE955 Std Range Laser
- Motorola SE1224HP 1D Std Range Laser
- Motorola SE1223LR 1D Long Range Laser
- Motorola SE1524ER Auto-Range Laser
- Honeywell 5080 2D Std Range Imager
- Intermec EV15 1D Std Range Imager
- Intermec EA11 2D Std Range Imager
- Intermec EA20X 2D High Performance Imager
- All scanners come with multi-color LED indicators
- Vibration feedback for noisy & sunny environments

Voice & Audio & Feedback
- Integrated microphone & speaker
- High volume 95dBA beeper
- Optional Push-to-Talk speaker
- Vibration feedback

Expansion Ports
- Micro SD slot for FLASH expansion (up to 32GB)
- Multiple Internal Multi-Function Expansion Interfaces with:
  - TTL serial
  - USB host
  - GPIO

Power Management
- 5000 mAh high capacity Lithium Ion smart battery

Enhanced Features
- Accelerometer

Display
- 3.7" VGA (640 x 480) Transflective Color/Touch Display
- 2 Touchscreen options:
  - High Visibility option offers superior sunlight visibility with 165 cd/m² brightness.
  - Extreme Duty option is designed for rugged environments with improved impact resistance (1.25 Joule impact), better abrasion resistance, superior low temperature operation (to -20°C / -4°F), with 160 cd/m² brightness.

Keyboard
59 Key Full Alpha Numeric 6 Fn keys
*Oracle version available

55 Key Alpha Numeric, phone keys

66 Key QWERTY Numeric 6 Fn key, Phone keys
*Oracle version available

36 Key Numeric 12 Fn keys

36 Key Numeric Alpha Modified 12 Fn keys

34 Key Numeric 12 Fn keys

- High reliability keypad ultra-white backlight

Camera (Optional)
- Color, 3 Mega pixel, autofocus, 4X digital zoom, Dual LED flash, video capable
- Configurable with pistol grip

Ergonomics, Dimensions & Weight
- Length: 227mm (8.94in)
- Width: 95mm (3.74in)
- Depth:
- At display: 44mm (1.73in)
  - At grip area: 31mm (1.22in)
- Weight:
  - Basic unit with battery: 610g (1.34lb)

Weight: 610g (1.34lb)

Environmental
- Operating temp: -20°C to +50°C (-4°F to +122°F)
- Storage temp: -40°C to +60°C (-40°F to +140°F)
- Humidity: 5% to 95% non-condensing
- Rain/Dust: IP67, IP65, IEC 60529
- Drop rating: multiple 2.0m (6.5ft) drops to polished concrete, 1.7m (5.6ft), 26 drops to polished concrete (powered with options & accessories)
- ESD: +/- 8kV contact, +/- 15kV air discharge

Charging Accessories
- Optional Desktop Docking Station configurations:
  - USB host and USB device
  - USB host, USB device, Ethernet and RS232
- Quad Docking Station (with 100BaseT Ethernet - daisy chainable)
- Multiple Snap Modules connect onto Omnii's base supporting:
  - Active sync
  - USB trickle charging
  - Fast charging via AC wall outlet
  - Fast charging via vehicle power outlet adapter
  - Fast charging & RS232 connection and power for tethered scanner
- Vehicle Power Outlet Adapter
- 6-Slot Spare Battery Charger

Vehicle Cradle Accessories
- Base un-powered cradle (one hand latch & release)
- 12 - 24VDC powered cradle
- Multiple adapter cables available (Example: One DE9 RS232 Serial, Two USB 1.1 host)
- Pre-regulator module (for 24 to 72V forklift trucks)
- Cradle Shock and Vibration: IEC Classification 5M2.

Carrying Accessories
- Optional bolt-on Pistol Grip
- Forklift Holster
- Hand strap, wrist strap, hard and soft shell holsters, protective carrying cases, rubber boots

Regulatory Approvals
- Worldwide Safety, EMC, RF, Laser approvals
- CE Mark
- E Mark (vehicle cradles)
- RoHS compliant
- WEEE compliant
- REACH compliant

Product is ROHS Compliant.

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

Powered by Windows® Embedded

For more information, please contact your Psion sales representative.

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