NEO

Pocket Power

PSION

VARLINK

NEO is small. Very small. But it takes no prisoners.

Retail. Postal and courier. Warehousing and distribution.
Supply chain. Arenas and sports venues.

NEO plays a key role in them all, every day. And they love it.

Is NEO the most compact, intelligent, rugged handheld
computer around? Quite possibly ...

NEO
Power to Your Pocket

Pocket Dynamo

You need smaller, lighter data collection tools. But you won't compromise on power or functionality. Now you don't have to.

NEO proves that exceptionally good things come in small packages. Its compact size (it weighs just over 275 g) coupled with a raft of features makes it perfect for the mobile workforce.

The pocket dynamo is setting industry alight. Stock checking. Inventory tracking. Light warehouse duty or full-on, in-store retail. NEO takes them all on. You want some?

Queue Busting

Asset Tracking

Features & Benefits

It Doesn't Mess Around
NEO may be small but don't be fooled. It's unbelievably rugged, which means it's never out of action. And productivity never dips.

This lean machine can withstand being dropped from 1.2 meters to polished concrete, 26 times over (it could take more). It packs an IP rating of 54, so you don't have to worry about dust or moisture. And it can operate in extreme conditions: from -10°C to +50°C (14°F to 122°F).

Plus, a 10-hour battery life means it lasts the whole shift.

Striking Ergonomics
We always put the worker at the heart of our design. That's why NEO just feels right. It's bright, high-resolution colour display is angled towards the user. This makes it a dream to use, unlike the frustrating "scan, tilt and squint" action of other devices.

And just feel the weight. Or lack of it. The stylish NEO tips the scales at under 10oz.

We Can't Stop Cramming
You wanted it, so we've given it to you. NEO is Windows®-based and integrates with loads of advanced data capture and communications functions. WLAN and Bluetooth® connectivity? Check. VoIP, IM and texting functionality, so you're never out of touch? That's here too.
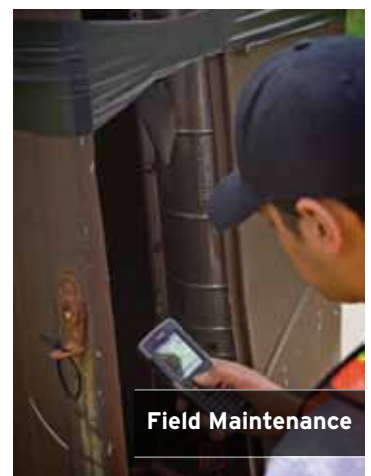
And there's no need to fear the future. NEO can easily be expanded to incorporate new technologies, like RFID, as and when your apps demand it.

Choices, Choices
Different apps have different requirements. NEO supports them all, and it's available with 48-key alphanumeric or 26-key numeric keyboards.

Merchandising

Field Maintenance

NEO
Accessories

Quad Unit Docking Station
Supports the simultaneous charging of four units and provides Ethernet connectivity to each device.

Base Unit Desktop Dock with Modem Option
Simultaneously charge main unit and spare battery. Includes a micro USB connection for data transfer. The optional integrated analog modem allows data connections over a PSTN line and is designed to offer a cost-effective solution for wide-area data exchange, without the need for always-on connectivity.

Pistol Grip
Quick, simple pistol grip installation or removal requires no screws or tools. Clip it on for inventory checking and remove it for price checking.

Belt Kit
Get quick, ergonomic device access with this quick-release, quick-insertion belt clip. This is the ideal accessory to complement speech/voice-directed operations.

High-Frequency (HF) RFID Backpack
Perfect for ticketing and asset tracking applications, the HF RFID backpack simply mounts to the backside of NEO for integrated HF RFID reading capabilities. The HF multi ISO reader module supports a broad range of tags, has two SAM slots for data encryption and is CE, FCC and IC certified.
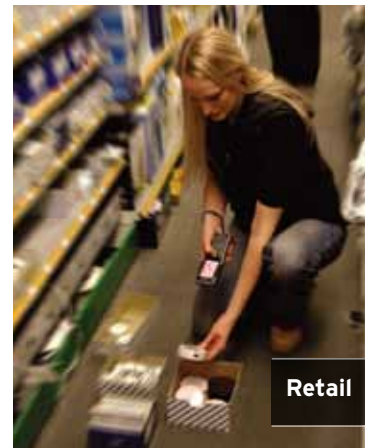
Adapters to USB & Power or RS232
These adapters connect NEO to USB or RS232 serial while on the move. The power-in jack of the PX3054 can be used in conjunction with the AC/DC wall adapter or the 12-24V cigarette lighter adapter.

Postal & Courier

Retail

Warehouse

Meter Reading

A complete list of accessories is available at www.psion.com

NEO
Specifications

34 mm (1.3″) 64 mm (2.5″) 67 mm (2.7″)

168 mm (6.6″)

Weight with battery: 0.6 lb (275 g)

Platform
- Marvell® PXA270 processor
- 312 or 624 MHz
- 128 MB SDRAM
- 128 MB Flash ROM

Wireless Communications
- On-board IEEE 802.11b/g (CCX V4 Certified)
- On-board Bluetooth® 2.0 + EDR radio (10 m range)
- High Frequency RFID Back Pack

Operating System
- Windows® CE 5.0 Core
- Windows® CE 5.0 Professional
- Windows Mobile® 6.1

Application Software*
- Internet Explorer® 6 for CE
- Wordpad
- Active Sync
- Open TekTerm
- ANSI
- TESS terminal emulations
- IBM 3270, IBM 5250, HP 2392
- Wavelink®
- MCL
- MCC
- PTX Connect
- Vocollect VoiceClient® 1.3
- *O/S Dependent

Barcode Applications
- 1D Laser Scanner Option
- 1D Imager Option
- 2D Imager Option

Programming Environment
- HTML, XML
- Mobile Devices SDK
- HTML, XML
- Java™
- Visual Studio® 2008
- Standard protocol APIs – Windows® sockets

User Interface
- Multicolour LED for scanning and charging

Display (Backlit)
- 2.7″ QVGA portrait mode
- QWERTY virtual option
- Sunlight readable transmissive with touch screen
- Colour 240 x 320 graphic TFT
- Passive stylus or finger operation
- Ergonomic tilted display

Audio
- Built-in microphone and receiver on all WiFi variants
- 85 db internal beeper
- Bluetooth® (on equipped models)

Keypad (Backlit)
- 48 key alphanumeric
- 26 large key numeric
- LED backlit keypad
- Ergonomically enhanced for ambidextrous one-hand operation

Expansion Slots
- One MicroSD slot

Expansion Port
- Battery power
- USB signaling

Docking Port
- RS232
- USB
- DC Input

Power Management
- 3.7V @ 3300 mAh Li-ion rechargeable battery
- 10 hour battery operation (5 scans, transmit & receive/min)
- Built-in gas gauge & performance monitor
- System backup (10 minutes) during battery swap
- Three-day real-time clock backup
- Adjustable battery allocation between system backup and runtime

Physical Dimensions & Weight
- Device: 168 mm x 64 mm x 34 mm (6.6″ x 2.5″ x 1.3″)
- Grip area: 56 mm / 2.2″ (W)
- Weight with battery: 275 g (0.6 lb)

Regulatory Approvals
- FCC 15.247
- IC RSS210
- CE ETSI EN 300 328, ETSI EN 301 489, EN 55022, EN55024
- Safety IEC 60950-1
- Laser Safety IEC 60825-1

User Environment
- Operating temperature: -10°C to +50°C (14°F to 122°F)
- Storage temperature: -20°C to +60°C (-4°F to 140°F)
- Relative humidity: 5% to 95% RH non-condensing
- Rain & dust protection: IP54, IEC 529
- Drop: 1.2 m (4 ft) – 26 drops to polished concrete
- Shock & vibe: Random vibration 1 m^2/s^3 @ 5 to 200 Hz, 0.5 m^2/s^3 @ 200-500 with duration of 100 min/axes, 3 axes, and shock of 150 m/s^2 @11ms and 300 m/s^2 @ 6ms
- ESD: +/- 8k Vdc air discharge, +/- 4k Vdc contacts

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.

Powered by Windows® Embedded

NEO

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