PSION TEKLOGIX

WORKABOUT PRO
The Flexible, Expandable Workhorse

Something's very wrong if you have to throw out your fleet of handheld computers just because your needs change.

At Psion Teklogix, we take a different approach. The WORKABOUT PRO has hardware expansion slots that make adding new modules fast and easy – there's a whole range of add-ons already available – everything from fingerprint scanners to the largest selection of RFID readers on any handheld device. Period.

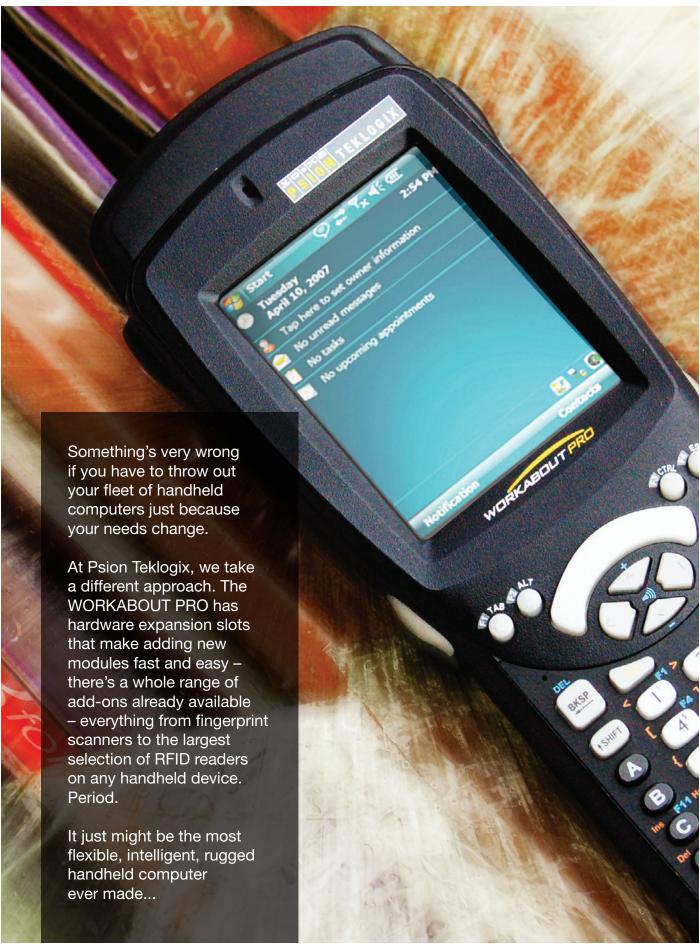It just might be the most flexible, intelligent, rugged handheld computer ever made...

WORKABOUT PRO

The Flexible, Expandable Rugged Handheld Computer

THE MOBILE WORKHORSE

Let's face it: you have no idea what tomorrow will bring. The rugged handheld computer you choose today may not be right when your needs change.

Unless you choose the legendary WORKABOUT PRO. It's built on the Modulus™ platform, so it's easily extended using a wide range of hardware modules – anything from passport readers and fingerprint scanners to WAN radios, laser scanners, imagers and Bluetooth® printers. Plus a growing range of connectivity peripherals (RS232, USB...) that mean you'll never regret your decision.

Our many partners are always developing new modules. Choose one to meet your unique needs, change one when your needs evolve or use the Hardware Development Kit to make your own.

Meter Reading

Shipping and Warehousing

FEATURES & BENEFITS

The mobile workhorse
The WORKABOUT PRO is relied on every day in mobile-intensive applications such as asset tracking, meter reading, and mobile ticketing across a variety of industries such as field service, courier, retail, warehousing and manufacturing – and the list continues to grow.

It's more than a data capture device. It's a cellphone and an intelligent workstation too, allowing your mobile workers to call customers, upload route maps, and send data back to office headquarters.

It's all about choice
Choose WiFi, GPRS/EDGE or 3G HSDPA voice and data. Choose numeric or full alphanumeric keyboards. Choose your scanners, imagers and RFID options. There's even a choice of Windows® flavors.

Even once deployed, you've still got options, with a universe of hardware modules and software applications to choose from.

The mobile worker is our focus
WORKABOUT PRO's Natural Task Support™ means mobile workers get the job done faster and more comfortably, even over the longest shifts.

It starts with a full VGA display for finer details in maps and schematics, and easier readability even in low light and direct sunlight. The ergonomic keypad is designed for one-hand operation with clear, unambiguous feedback. But it also comes down to intangible things like the feel in your hand, the balance and the way your fingers seem to fall in just the right way.

Rugged beyond the ratings
The WORKABOUT PRO is tested to withstand drops from six feet to concrete and easily handles the kind of shock and vibration you get from mounting it on a truck or a forklift. It has an IP65 rating, protecting it against dust and water sprayed from all directions.

CASE STUDY

RFID

BELGIAN FORMULA 1 GRAND PRIX

130,000 Formula 1 Fans tracked by RFID-enabled WORKABOUT PROs

- RFID tags integrated into tickets enabled real-time ticket management
- Security scanned tickets with a WORKABOUT PRO equipped with HF RFID Reader
- Resulted in reduced fraud, improved access control and shorter entrance wait times

WORKABOUT PRO
Accessories

Quad Docking Station c/w UPS
The 4 unit Multi-Dock allows up to four WORKABOUT PRO units to charge simultaneously while providing 10/100 BaseT Ethernet communications. It also provides sufficient power to fast-charge the batteries in the unit.

Desktop Docking Station
The Desktop Docking Stating supports all variants of the WORKABOUT PRO. It simultaneously provides USB Host and Client functions. An additional battery charger well is integrated to ensure that your spare batteries remain fully charged.
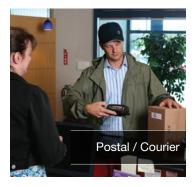
Quad Battery Charger
The Quad Battery Charger is can charge either Standard or High Capacity batteries simultaneously.

Pistol Grip - Multiple options available
The WORKABOUT PRO pistol grip attachment allows easy conversion to a pistol grip unit. Varioius pistol grips are available to accommodate a wide range of applications and model variants.

End Cap - Multiple options available
Shown is a 1D Imager End-Cap with GSM Antenna Shroud. The 1D Imager is a low power, compact, and ergonomic scanning solution that features an extremely high read rate. It automatically and instantly adapts to varying light conditions and provides users a bright targeting line that is readable even in bright sunlight.

Powered Vehicle Cradle 12V
A highly ruggedized, single unit station dock/charger, powered by DC power sources over a 9V to 20V range. This cradle provides quick insertion and removal while holding the WORKABOUT PRO securely – even when operated in high vibration environments. Non-powered options also available.

Asset Tracking

"Psion Teklogix was able to demonstrate such a compelling return on investment, that there was no reason not to proceed with adoption of the system immediately." – Wilkinson

Postal / Courier

Field Service

WORKABOUT PRO

Specifications

Model C

100 mm (3.94")

42 mm (1.65")

223 mm (8.78")

(2.95") 75 mm

(1.22") 31 mm

Weight: (w/o battery) 1 lb (455 g)

Model S

100 mm (3.94")

200 mm (7.87")

(2.95") 75 mm

Weight: (w/o battery) 0.86 lb (390 g)

MODEL VARIANTS
- WORKABOUT PRO C – Model 7527C-G2
- WORKABOUT PRO S – Model 7527S-G2

PLATFORM
- PXA270 520 MHz, 32 bit RISC CPU
- 256 MB Flash, 128 MB RAM

OPERATING SYSTEM
- Microsoft® Windows® CE 5
- Microsoft® Windows Mobile® 6 Classic, Professional

WIRELESS COMMUNICATIONS
Optional expansion modules for:
- 802.11a/b/g Compact Flash Radio/ Integrated antenna operating for 2.4GHz and 5GHz bands
- GPRS EDGE - 850/900/1800/1900 Voice and Data
- 3G HSDPA - 850/1900/2100MHz Voice and Data
- Integrated Bluetooth® Class II, V 2.0 + EDR
- Note: 802.11 b/g, GPRS /HSDPA, and Bluetooth® are available simultaneously
- Note: All expansion modules are available factory configured or user installable

BARCODE APPLICATIONS
- ID laser scanning in standard range, long range, and auto range configurations
- 1D linear imager
- 2D area imager
- Optional bolt-on pistol grip

RFID MODULE OPTIONS
- HF Module
  Frequency: 13.56 MHz
  Tags supported: ISO 15693, Philips® ICode™; TI Tagit™; Tagsys (C210, C220, C240, C270)
  Read/write range up to: 3.15 in (8 cm)
- MIFARE™ module
  Frequency: 13.56 MHz
  Tags supported: ISO 14443 A&B, MIFARE™
  Read/write range up to: 1.97 in (5 cm)
- LF module
  Frequency: 125 KHz, 134.2 KHz
  Tags supported: EM 4x0x, EM 4x50; Hitag 1 & 2; ISO HDXA & FDXB
  Read/write range up to: 2.76 in (7 cm)
- UHF module
  Frequency: 868 MHz or 915 MHz
  Tag supported: EPC Class 1 Gen 2, other protocols depending on regions
  Read range up to: 98.425 in (250 cm)

EXTERNAL CONNECTORS
- One tether connection with full RS232 and USB On-The-Go (USB 1.1) functionality
- One Low-Insertion Force (LIF) docking connector
- DC Power Jack

USER INTERFACE
- Color touch screen display 3.6 in (9.144 cm)
  Full VGA 480 x 640 resolution
  Transflective, portrait mode TFT adjustable backlight
  Sunlight readable (for outdoor use)
  High reliability LED backlight
- Touchscreen (standard)
  Passive stylus or finger operation
  Signature capture
- Keyboards
  Full alpha-numeric (C model)
  Numeric (S model)
  Backlit, high durability hard-capped keys
- Audio
  90 db mono speaker
  Mono microphone
  86 db beeper

PROGRAMMING ENVIRONMENT
- HTML, XML
- Psion Teklogix Mobile Devices SDK
- Hardware Development Kit (HDK)
- .NET and C++ programming using Microsoft® Visual Studio® 2005
- Java programming supporting JDK 1.2.2 or higher
- Standard Protocol APIs Windows® sockets (CE.net)

APPLICATION SOFTWARE
- Internet Explorer® 6.0
- Psion Teklogix Voice Dialer and Contacts Manager incl. Windows® CE 5
- PTX Connect VoIP
- Terminal emulation software, supports IBM 5250, IBM 3270, HP2392, ANSI and TESS
- Mobile Control Centre (MCC) device management

EXPANSION SLOTS
- One SD/MMC memory card slot
- End-cap USB Interface supports GPS expansion module.
- 100-PIN expansion interface: supports PCMCIA (type II), GPRS/ EDGE and other third-party expansion modules developed using Psion Teklogix Hardware Developer's Kit.
- Flex cable interface supports scanner (serial) and imager (USB) modules
- One Type II CF Card Slot

POWER MANAGEMENT
- Optional 3.7V, 3000 mAh standard capacity battery
- Optional 3.7V, 3300 mAh high capacity battery
- Optional 3.7V, 4400 mAh super high capacity battery
- Advanced smart battery with gauge
- Built in charger
- Rechargeable, user replaceable backup battery pack

ENVIRONMENTAL
- Withstands multiple drops from 6 ft (1.8 m) to concrete.
- Rain/Dust: IP65, IEC 60529
- Operating temperature: -4°F to 122°F (-20°C to +50°C)
- 5%-95% RH non-condensing
- Storage temperature: -40°F to 140°F (-40°C to +60°C)
- ESD: +/- 8kVdc air discharge, +/-4kVdc contacts

PHYSICAL DIMENSIONS
- WORKABOUT PRO C: 8.78" x 2.95"/3.94" x 1.22"/1.65" (223 mm x 75/100 mm x 31/42 mm)
- WORKABOUT PRO S: 7.87" x 2.95"/3.94" x 1.22"/1.65" (200 mm x 75/100 mm x 31/42 mm)

APPROVALS
- Safety: CSA/UL60950-1, IEC 60950-1, EN60950-1
- EMC: FCC Part 15 Class B EN 55022 EN 55024 EN301 489
- Laser: IEC 60825-1, Class 2 FDA 21 CFR 1040.10. 1040.11 Class II
- Bluetooth®: 1.2
- In Vehicle Cradle: e Mark

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

Product is ROHS Compliant.

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

Designed for Windows Mobile®

Powered by Windows® Embedded

WORKABOUT PRO