

Rugged, feature rich hand-held computer



The WORKABOUT PRO is a Windows CE .NET based hand-held computer that delivers the performance, ruggedness and durability required for mobile data collection in harsh environments in a very user-friendly, ergonomic package. Based on industry standards, our design ensures ease of integration with your existing or desired infrastructure. Unparalleled expansion and connectivity options deliver a high degree of customisation flexibility so that the WORKABOUT PRO can be tailored to your application.



FEATURES

- **Flexibility & Integration:** Class-leading flexibility and integration is achieved through the use of standards-based software and hardware components combined with robust expansion capabilities. Based on industry standard Windows CE .NET and Intel XScale architecture, the WORKABOUT PRO ensures seamless application development and integration capabilities. Compact Flash and SD/MMC memory expansion slots combine with USB, and a 100-pin High Speed Expansion interface, to provide flexible radio and peripheral connectivity. Expansion modules deliver even more functionality and customisation such as additional card slots or customised peripherals. A hardware development kit (HDK) combines with the Psion Teklogix Mobile Devices SDK to support the development of customised third party hardware/software solutions.
- **Ruggedness:** The rugged design of the WORKABOUT PRO delivers overall system uptime for increased productivity even in harsh environments. Rated at IP54, the WORKABOUT PRO is protected against dust and water sprayed from all directions. In addition, the WORKABOUT PRO can withstand multiple 1.2m drops to polished concrete, as well as, the shock and vibration consistent with mounting in a truck.
- **Ergonomics:** The ease of use and portability of the WORKABOUT PRO combine to deliver exceptional ergonomics. The ¼ VGA, daylight readable touch screen display and well laid out, backlit keyboard simplify device interaction. The portable size and low weight deliver full-shift comfort.



WORKABOUT PRO Hand-held Computer



WORKABOUT PRO
Hand-held Computer



Specifications*

WORKABOUT PRO MODEL VARIANTS WORKABOUT PRO M

- Monochrome Touch Screen Display
- 32 MB Flash
- 64 MB RAM

WORKABOUT PRO C

- Colour Touch Screen Display
- 32 MB Flash
- 128 MB RAM
- Integrated Bluetooth

PROCESSOR

- 400MHz Intel Xscale PXA255

OPERATING SYSTEM

- Microsoft Windows CE .NET 4.2

PROGRAMMING ENVIRONMENT

- HTML, XML
- Psion Teklogix Mobile Devices SDK
- HDK – Hardware Development Kit for third-party developed expansion modules.
- Compact Framework
- Java
- Standard protocol APIs
Windows sockets (Windows CE .NET)

WIRELESS COMMUNICATIONS

- Optional expansion modules for:
802.11b (via Compact Flash)
GSM/GPRS (via expansion interface)
CDMA/1xRTT (via expansion interface)
(future project)
- Integrated Bluetooth class II, ver 1.1 standard on WORKABOUT PRO C
Note: WAN, 802.11b, and Bluetooth are available simultaneously on C

APPLICATION SOFTWARE

- Internet Explorer 6.0 for CE
- Open TekTerm
- ANSI, TESS terminal emulations IBM 3270, IBM 5250, HP 2392

USER INTERFACE

- Monochrome Touch Screen Display
8.9cm (3.5") diagonal, ¼VGA, 240 x 320 transfective portrait mode LCD
Backlight on/off control, adjustable contrast
Sunlight readable (for outdoor use)
High reliability EL backlight
- Colour Touch Screen Display
8.9cm (3.5") diagonal, ¼VGA, 240 x 320 transfective portrait mode TFT
16-bit colour
Adjustable backlight
Sunlight readable (for outdoor use)
High reliability LED backlight
- Touchscreen (standard)
Passive stylus or finger operation
Signature capture
Stylus held on main unit

- Keyboards
Alphanumeric
Ergonomic ambidextrous one-hand operation
Backlit, high durability hard-capped keys
- Indicators & Controls
Internal speaker with volume control
LED indicating battery charge status

BAR CODE APPLICATIONS

- Optional 2D Imager expansion module.*
- Optional 1D SEI223 HP laser scanner expansion module*
- Optional field-upgradeable/replaceable pistol grip*

* **Note:** All are field upgradeable

EXPANSION SLOTS

- One SD/MMC memory card slot - user accessible
- 100 Pin High-Speed Expansion connector; accessible through end-cap or back cover: Supports serial, USB, PCMCIA
- Type II Compact Flash slot accessible through end-cap

OTHER EXPANSION MODULES

- Type II PCMCIA slot – Field upgradeable

EXTERNAL PORTS

- USB Host port on base for tethered USB devices (printers, etc).
- Low Insertion Force Docking Station Port with:
USB device port
USB Host port
Power

POWER MANAGEMENT

- Full shift Lithium Ion 3.7V 1800 mAh standard battery
- Optional long life Lithium Ion 3.7V 2700 mAh battery
- Quick swap pack
- Advanced Smart Battery w/ gas gauge
- 3 power source options: Runs off battery, wall adaptor or cigarette lighter adaptor
- Built-in charger
- Also accepts standard consumer available AA Alkaline batteries
- Rechargeable, user replaceable, coin-cell backup battery

ENVIRONMENTAL (STANDARD):

- Operating temp: -10°C to +50°C (14°F to 122°F)
- Storage temp: -25°C to +60°C (-13°F to 140°F)
- Humidity: 5-95% RH non-condensing
- Rain/Dust: IEC 529, classification IP54
- Shock: Multiple 1.2m (4 ft.) drops to polished concrete

PHYSICAL DIMENSIONS (WORKABOUT PRO M & C)

- Weight: 454g (16 oz) with battery; add 75g (2.6 oz) with scanner expansion module and 19g (0.7 oz) with 802.11b CF card radio.
- Size: Length: 222mm (8.7"), Width: 76 mm (3") at grip area tapering to 92mm (3.6") at display area, Depth: 31mm (1.2") at grip area tapering to 42mm (1.7") at display area.

POWER ACCESSORIES

- AC Wall adaptor (charge & operate handheld)
- 1 slot battery charger
- 4 slot battery charger
- Charger/Docking Station (charges handheld & spare battery)
- Vehicle cradle with optional charge capability
- Cigarette lighter adaptor

COMMUNICATION ACCESSORIES

- Quad Dock (4-site) w/ 10/100 BaseT Ethernet and charge functions
- Desktop Charger/Docking Station (charges handheld & spare battery) supports USB host and device ports and optional 10/100 Base T Ethernet module.
- Powered/non-powered cradle for vehicle mount applications.
- Port Replicator for vehicle cradles (field installable option) includes 3 RS232 ports plus USB device port.

CARRYING ACCESSORIES

- Handstrap, pistol grip w/ trigger, shoulder strap, holster; wrist strap, protective vinyl carrying case.

APPROVALS:

- Safety: UL60950-1, CSA C22.2 No 60950-1
- EMC: FCC Part 15 Class B EN 55022 EN 55024
- Laser: IEC 60825-1, Class 2 FDA 21 CFR 1040.10, 1040.11 Class II
- In Vehicle Cradle: E Mark

* specifications are subject to change without notice