

## 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.



### ADVANTAGES

- **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. (Two keyboard layouts available.) The portable size and low weight deliver full-shift comfort.

# WORKABOUT PRO Hand-held Computer



**WORKABOUT PRO**  
Hand-held Computer



**WORKABOUT PRO S**  
Hand-held Computer

## Specifications\*

### WORKABOUT PRO MODEL VARIANTS WORKABOUT PRO M

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

### WORKABOUT PRO C

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

### WORKABOUT PRO S

- Colour Touch Screen Display
- 64 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
- APIs for the Hardware Development Kit
- 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)
- Integrated Bluetooth class II, ver 1.1, ver 1.1, 5m or 16.4 ft range standard on WORKABOUT PRO C and S  
**Note:** WAN, 802.11b, and Bluetooth are available simultaneously on C and S models

### 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  
8.4cm (3.3") diagonal, 1/4VGA, 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, 1/4VGA, 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 (M & C models)  
Numeric (S model)  
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 SE 1223 High Performance laser scanner expansion module\*
  - Optional user replaceable pistol grip\*
- \* **Note:** All are user 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

- Optional user upgradeable Type II PCMCIA slot

### EXTERNAL PORTS

- USB 1.1 Host port on base for tethered USB devices (printers, etc).
- Low Insertion Force Docking Station Port with:  
USB 1.1 Device port  
USB 1.1 Host port  
Battery Charging

### POWER MANAGEMENT

- Optional full-shift Standard Lithium-ion (3.7V, 1700 mAh)
- Optional High-Capacity Lithium-ion (3.7V, 2350 mAh)
- Also accepts standard consumer available AA Alkaline batteries (M & C models)
- Quick swap pack
- Advanced Smart Battery w/ gas gauge
- 3 power source options: Runs off battery, AC or automotive power supplies
- Built-in charger
- 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 MODELS)

- Weight: 454g (16 oz) with battery; add 75g (2.6 oz) with SE 1223HP 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.

### (WORKABOUT PRO S MODEL)

- Weight: 421g (13.5 oz) with battery; add 75g (2.6 oz) with SE 1223HP scanner expansion module and 19g (0.7 oz) with 802.11b CF card radio.
- Size: Length: 190mm (7.5"), Width: 75 mm (2.9") at grip area expanding to 98mm (3.8") at display area (including side scan buttons), Depth: 31mm (1.2") at grip area expanding to 44mm (1.7") at display area.

### POWER ACCESSORIES

- AC power supply (charge & operate hand-held)
- Automotive power supply (charge & operate hand-held)
- 1 slot battery charger
- Quad battery charger
- Desktop Docking Station (charges hand-held & spare battery)
- Vehicle cradle with optional charge capability

### COMMUNICATION ACCESSORIES

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

### CARRYING ACCESSORIES

- Handstrap, pistol grip w/ trigger, holster, protective vinyl carrying case (w/ optional shoulder strap)

### 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
- Bluetooth: 1.1 on C & S models
- In Vehicle Cradle: E Mark

\* specifications are subject to change without notice