



## 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 customization 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 customization such as additional card slots or customized peripherals. A hardware development kit (HDK) combines with the Psion Teklogix Mobile Devices SDK to support the development of customized 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 4' 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
- 64 MB Flash
- 64 MB RAM

### WORKABOUT PRO C

- Color 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
- 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, 16.4 ft or 5m range 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  
3.5" (8.9cm) diagonal, ¼VGA, 240 x 320 transreflective portrait mode LCD  
Backlight on/off control, adjustable contrast  
Sunlight readable (for outdoor use)  
High reliability EL backlight
- Color Touch Screen Display  
3.5" (8.9cm) diagonal, ¼VGA, 240 x 320 transreflective portrait mode TFT  
16-bit color  
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 SE 1223 High Performance 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 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  
Power

### POWER MANAGEMENT

- Optional full-shift standard Lithium Ion (3.7V, 1700 mAh)
- Optional high-capacity Lithium Ion (3.7V, 2340 mAh)
- Also accepts standard consumer available AA Alkaline batteries
- 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
- Rechargeable, user replaceable, coin-cell backup battery

### ENVIRONMENTAL (STANDARD):

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

### PHYSICAL DIMENSIONS (WORKABOUT PRO M & C)

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

### POWER ACCESSORIES

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

### COMMUNICATION ACCESSORIES

- Quad Dock (4-site) w/ 10/100 Base T 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 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