RFID READY

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 provde 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

PSION TEKLOGIX

information in motion

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, ¼ VGA, 240 × 320
  transflective 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, ¼ VGA, 240 × 320
  transflective 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 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, 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