The Power To Adapt

The WORKABOUT PRO® product line is built on the concept of providing an industrial tool that doesn't need to be replaced or thrown away the minute new requirements emerge. Our customers operate in tough environments, with ever changing requirements and new technology always around the corner. The WORKABOUT PRO adapts quickly and easily to your evolving business needs. The WORKABOUT PRO represents the most flexible yet rugged handheld computer. Its "do-it-yourself" upgradeability makes it an ideal choice for customers in dynamic mobile markets. Due to its superior flexibility and durability, the WORKABOUT PRO has proven successful in a variety of market applications including Field Service, Courier / Delivery, Asset Tracking, Meter Reading, Ticketing, Retail, Livestock Tracking, Warehousing, and Manufacturing; and the list continues to grow.

Evolution is not just a theory at Psion Teklogix

WORKABOUT PRO adapts to meet your business needs

ADVANTAGES

• **Flexibility & Integration:** Psion Teklogix is leveraging existing expansion modules from our first generation WORKABOUT PRO, which are fully compatible with the second generation, providing our customers and partners additional investment protection. The new WORKABOUT PRO supports a variety of field installable expansion modules including scanners, imagers, RFID modules, Wireless LAN (WLAN) Wireless WAN (WWAN) radios, and more. Psion Teklogix takes flexibility to the next level by offering a Hardware Developer's Kit (HDK) that allows you to develop your own custom expansion modules to address your unique business needs. Some recent developments include expansion modules that take fingerprints, read cattle ear tags, and scan passports. The WORKABOUT PRO can function as your data capture device and your cellular phone, allowing your mobile workers to call customers, upload route maps, and send data back to office headquarters – all with only one mobile device. A choice of Microsoft Embedded CE 5.0, or Windows Mobile 6 offers the ultimate in flexibility to meet the specific needs of your software solution.

• **Ruggedness:** The WORKABOUT PRO withstands 26 drops from five feet to polished concrete, and shock & vibration consistent with mounting in a truck or a forklift. It includes an IP65 rating, protecting it against dust and water sprayed from all directions.

• **Ergonomics:** The ease of use and portability of the WORKABOUT PRO combine to deliver exceptional ergonomics. Numeric and Full Alpha-numeric keyboard layouts are available, with a standard backlight feature, enabling your workers to operate the device in dark basement areas or in vehicle cabs at night time. The full VGA color-touch display provides improved graphics capability, allowing your field workers to see finer details in maps or schematics in most lighting conditions, including direct sunlight.

WORKABOUT PRO

PSION TEKLOGIX

information in motion

WORKABOUT PRO C
Hand-held Computer

WORKABOUT PRO S
Hand-held Computer

Designed for Windows Mobile®

Powered by Windows® Embedded

Specifications*

Model Variants
- WORKABOUT PRO C – Model 7527C-G2
- WORKABOUT PRO S – Model 7527S-G2

Platform
- PXA270 520 MHz, 32 bit RISC CPU
- 128 MB flash, 128 MB RAM

Operating System
- Microsoft® Windows® CE 5.0
- Microsoft® Windows® Mobile® 6 Classic
- Microsoft® Windows® Mobile® 6 Professional

Wireless Communications
- Optional expansion modules for:
  - 802.11b/g (via Compact Flash) operating in the 2.4GHz band:
    - Supports IEEE 802.11 b data rates of 1, 2, 5.5 and 11 Mbps using Direct Sequence Spectrum (DSSS)
    - Supports IEEE 802.11 b data rates of 6, 9, 12, 24, 36, 48 and 54 Mbps, using Orthogonal Frequency Division Multiplexing (OFDM) baseband modulation
  - GSM/GPRS/EDGE (via expansion interface) Quad Band - 850/900/1800/1900 voice and data
  - UMTS/HSDPA (via expansion interface): Triple band, 850/1900/2100MHz Voice and data
  - Integrated Bluetooth class II, version 1.2
  - Note: 802.11 b/g, GSM/UMTS, and Bluetooth available simultaneously

Barcode Applications
- Optional 1D imager expansion module
- Optional 2D imager expansion module
- Optional 1D SE955 laser scanner expansion module
- Optional 1D SE1223 High Performance laser scanner expansion module
- Optional bolt-on pistol grip
- Note: All are user upgradeable

RFID Module Options
- HF Module
  Frequency: 13.56 MHz
  Tags supported: ISO 15693, Philips ICode™; TI Tagilt™; Tagsys (C210, C220, C240, C270)
  Read/write range up to: 3.15 in. (80 mm)
- MIFARE module
  Frequency: 13.56 MHz
  Tags supported: ISO 14443 A&B, Mifare
  Read/write range up to: 1.97 in. (50 mm)
- 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: 2.756 in. (70 mm)
- UHF module
  Frequency: 868 MHz or 915 MHz
  Read range: up to 4.92 ft. (150 cm) [915 MHz] and up to 2.62 ft. (80 cm) [868 MHz]
  Tag supported: EPC Class 1 Gen 2, other protocols depending on regions

User Interface
- Color Touch Screen Display
  3.6 in. (9.144 cm) diagonal
  Full VGA 480x640 resolution
  Transflective, portrait mode TFT
  Adjustable Backlight
  Sunlight readable (for outdoor use)
  High reliability LED backlight
  Easily replaceable and customizable bezel
- Touchscreen (standard)
  Passive stylus or finger operation
  Signature capture
- Keyboards
  Full Alpha-Numeric (C model)
  Numeric (S model)
  Ergonomically enhanced for ambidextrous one-hand operation
  Backlit, high durability hard-capped keys
- Indicators & Controls
  LED indicates battery charge status
- 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 incl. with Windows CE 5.0
- Internet Explorer® Mobile incl. with Windows® Mobile® 6
- Windows Mobile Device Center
- Phone dialer and Personal Information Manager (PIM) incl. with Windows Mobile 6 Professional
- Unique Psion Teklogix Voice Dialer and Contacts Manager incl. Windows CE 5.0
- PTX Connect VoIP
- Optional OpenTekTerm terminal emulation software, supports IBM 5250, IBM 3270, HP2392, ANSI and TESS
- Mobile Control Center (MCC) device management

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

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

Power Management
- Optional 3.7V, 3000 mAh High Capacity Battery Pack
- Optional 3.7V, 4000 mAh Super High Capacity Battery Pack
- Advanced Smart Battery with gas gauge
- 3 power source options: Runs off battery, AC power, or automotive power supplies
- Built in charger
- Rechargeable, user replaceable backup battery pack

Environmental
- Withstands 26 drops (on 12 edges, 8 corners, 6 faces) at 5 ft. (1.5 meters) to polished concrete while powered on and configured with accessories such as CF radio, scanner/imager, and pistol grip.
- 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)

Physical Dimensions and Weight
- WORKABOUT PRO C: 8.775'' × 2.95''/3.94'' × 1.22''/1.65'' (223 mm × 75/100 mm × 31/42 mm)
- WORKABOUT PRO S: 7.87'' × 2.95''/3.94'' × 1.22''/1.65'' (200 mm × 75/100 mm × 31/42 mm)
- Weight (w/o battery pack):
  WORKABOUT PRO C: 1 lbs (455 g)
  WORKABOUT PRO S: .859 lbs (390 g)

Power Accessories
- AC power supply (charge & operate hand-held)
- Automotive power supply (charge & operate hand-held)
- Single and Quad slot battery pack chargers
- Powered cradle for vehicle mount applications

Communication Accessories
- Quad Dock (4-site) with 10/100 BaseT Ethernet and charge functions
- Desktop Docking Station (charges hand-held & spare battery) provides USB1.1 host and device ports and supports optional plug-on expansion modules supporting 10/100 Base T Ethernet or RS232 connections.
- USB On-The-Go cable supports Active Sync without requiring a docking station
- Optional End Caps supporting RS232, TTL, and IrDA

Carrying Accessories
- Hand-strap, pistol grip w trigger, holster, various protective carrying cases and pouches

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
- RF: Bluetooth and 802.11b/g: EN300 328, Part 15.247
  GSM/GPRS: EN301 511; EN50360/361, NAPRD03; 3GPP51.010; FCC Parts 22 & 24; Industry Canada; RSS-132 & 133
- In Vehicle Cradle: e Mark

RoHS✓ **Product is RoHS compliant**

* Specifications are subject to change without notice