



## The Power to Adapt

The WORKABOUT PRO® - unparalleled flexibility combined with outstanding ergonomics and ruggedness. The industry leading flexibility allows users to configure the WORKABOUT PRO with a multitude of technologies including RFID, Biometrics, Speech, Imaging and more to meet specific and evolving application needs. With its superior flexibility and a design that withstands the harshest environments, the WORKABOUT PRO delivers maximum usability, maximum investment protection and value over the long term.



**WORKABOUT PRO**

### ADVANTAGES

#### Industry Leading Flexibility & Integration

- The WORKABOUT PRO supports a variety of field installable expansion modules including scanners, imagers, RFID modules, biometrics modules, speech, Wireless LAN (WLAN) Wireless WAN (WWAN) radios, GPS, and more.
- Hardware Developer's Kit (HDK) allows for development of custom expansion modules to address your unique business needs.
- 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.

#### Essential Ruggedness

- Withstands multiple drops from 1.8 m (6 ft) or 26 drops (on 12 edges, 6 corners, 8 faces) from 1.5 m (5 ft) to concrete while powered on and configured with accessories such as WiFi radio, scanner / imager and pistol grip.
- Withstands shock & vibration consistent with mounting in a truck or a forklift.
- IP65 rating, protecting it against dust and water sprayed from all directions.

#### Superior Ergonomic Design

The ease of use and portability of the WORKABOUT PRO combine to deliver exceptional ergonomics.

- Numeric and Full Alphanumeric keyboard layouts with a standard backlight feature.
- Full VGA color - touch display provides improved graphics capability in all lighting conditions.

# WORKABOUT PRO Hand-Held Computer

## Specifications\*



WORKABOUT PRO C  
Hand-held Computer



WORKABOUT PRO S  
Hand-held Computer



### MODEL VARIANTS

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

### PLATFORM

- PXA270 520 MHz, 32 bit RISC CPU
- 256 MB Flash, 128 MB RAM

### OPERATING SYSTEM

- Microsoft® Windows® CE 5.0
- Microsoft® Windows® Mobile® 6 Classic, Professional

### WIRELESS COMMUNICATIONS

- Optional expansion modules for:
  - 802.11b/g Compact Flash Radio operating in the 2.4GHz band
  - 802.11a/b/g Compact Flash Radio with integrated antenna operating in 2.4GHz and 5GHz bands
- 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, V 2.0 + EDR
- Note: 802.11 b/g, GSM/UMTS, and Bluetooth® are available simultaneously
- Note: All expansion modules are available factory configured or user installable

### BARCODE APPLICATIONS

- Optional ID laser scanning expansion modules in standard range, long range, and auto range configurations
- Optional ID linear imager expansion module
- Optional 2D area imager expansion module
- Optional bolt-on pistol grip
- Note: All expansion modules are available factory configured or user installable.

### RFID MODULE OPTIONS

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

### USER INTERFACE

- Color touch screen display
  - 9.144 cm (3.6 in) diagonal
  - Full VGA 480 x 640 resolution
  - Transflective, portrait mode TFT
  - adjustable backlight
  - Sunlight readable (for outdoor use)
  - High reliability LED backlight
- 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 multiple drops from 1.8 m (6 ft) or 26 drops (on 12 edges, 8 corners, 6 faces) from 1.5 m (5 ft) to concrete while powered on and configured with accessories such as WiFi radio, scanner / imager and pistol grip.
- Rain/Dust: IP65, IEC 60529
- Operating temperature: -20°C to +50°C (-4°F to 122°F)
- 5%-95% RH non-condensing
- Storage temperature: -40°C to +60°C (-40°F to 140°F)
- ESD: +/- 8kVdc air discharge, +/- 4kVdc contacts

### PHYSICAL DIMENSIONS AND WEIGHT

- WORKABOUT PRO C:
  - 223 mm x 75/100 mm x 31/42 mm (8.775" x 2.95"/3.94" x 1.22"/1.65")
- WORKABOUT PRO S:
  - 200 mm x 75/100 mm x 31/42 mm (7.87" x 2.95"/3.94" x 1.22"/1.65")
- Weight (w/o battery pack):
  - WORKABOUT PRO C: 455 g (1 lb)
  - WORKABOUT PRO S: 390 g (0.859 lb)

### 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 USB 1.1 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 with 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®: I.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

Product is RoHS compliant



Psion Teklogix™ is a trademark of Psion Teklogix Inc. WORKABOUT PRO is a registered trademark of Psion Teklogix Inc. Other product names mentioned in this document may be trademarks of Psion Teklogix Inc. or trademarks or registered trademarks of other hardware, software, or service providers and are used herein for identification purposes only.

Windows and the Windows Logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.

www.pSIONTEKLOGIX.com