



## 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.

### 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 26 drops from five feet (1.5 m) to polished concrete.
- 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 Second Generation 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
- 128 MB flash, 128 MB RAM

### OPERATING SYSTEM

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

### WIRELESS COMMUNICATIONS

- Optional expansion modules for:
  - 802.11 b/g Compact Flash Radio operating in the 2.4GHz band
  - 802.11 a/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 1D laser scanning expansion modules in standard range, long range, and auto range configurations
- Optional 1D 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: 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
- Note: All expansion modules are available factory configured or user installable.

### USER INTERFACE

- Color touch screen display 3.6 in. (9.144 cm) 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 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)
- ESD: +/- 8kVdc air discharge, +/- 4kVdc contacts

### PHYSICAL DIMENSIONS AND WEIGHT

- WORKABOUT PRO C: 8.775" x 2.95"/3.94" x 1.22"/1.65" (223 mm x 75/100 mm x 31/42 mm)
- WORKABOUT PRO S: 7.87" x 2.95"/3.94" x 1.22"/1.65" (200 mm x 75/100 mm x 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 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®: 1,2
- RF: Bluetooth® and 802.11 b/g: EN300 328, Part 15.247
- GSM/GPRS: EN301 511; EN50360/361, NAPRD03; 3GPP5 I.010; FCC Parts 22 & 24; Industry Canada: RSS-132 & 133
- In Vehicle Cradle: e Mark

Product is RoHS compliant



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