7035 Hand-Held Computer

FEATURES

- Dual Type II PCMCIA slots: one for an ATA expansion card for mass data storage if required, the other for your choice of radio support

- 802.11b open architecture direct sequence spread spectrum radios, narrowband radios and Mobitex wide area network radio support

- Terminal Development Kit provides programming tools for developing real-time or batch applications

- Solid support for advanced emulations including IBM 3270, IBM 5250, HP 2392 and ANSI VT220

- Application optimization to suit any ERP, WMS or supply chain software

- RS-232 peripheral port supports decoded and non-decoded scanners, serial printers and COM devices

- High-capacity battery; optional "big button" keyboard for gloved use in non-condensing environments down to -20°C/-4°F

Unrivaled power, speed and flexibility

BUILT FOR TOUGH ENVIRONMENTS

To compete in the new economy, businesses must move products and services more rapidly than ever before. This requirement intensifies the need for real-time access to inventory management and supply chain information. The 7035 hand-held, user-programmable computer offers the ideal solution, combining real-time accuracy, speed, ruggedness and ease of use. Lightweight and ergonomically designed, the 7035 transmits and receives data in sub-seconds, and can stand up to the harshest conditions in warehousing, manufacturing, distribution or intermodal operations. And it's also available as a low-temperature computer for non-condensing cold storage and yard applications down to -20°C/-4°F.

PSION TEKLOGIX

information in motion

7035 Hand-Held Computer

7035 36-Key "Big Button"

7035 44-Key "Multi-Purpose"

7035 56-Key "Full Alpha Numeric"

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7035 Shown with Vehicle-Mount Options

7035 Shown with Field-Installable Pistol Grip

Specifications

PROCESSOR & MEMORY
- Microprocessor: 32 bit AMD Elan SC400 486DX, 33 MHz
- Flash: 4 MB Flash, expandable to 8 MB
- RAM: 8 MB RAM expandable to 16 MB

OPERATING SYSTEM
- IBM DOS 7.0

WIRELESS COMMUNICATION OPTIONS
- **802.11b 2.4 GHz Spread Spectrum, Direct Sequence**
  Transmission power: 32 mW
  Data rate: 1, 2 and 11 Mbps
- **403 - 512 MHz Synthesised Narrowband**
  Transmission power: 2 watts North America;
  .01 to 2 watts International
  Data rates: 9.6 or 19.2 kbps; Channels: 1 to 16
- **Mobitex Wireless Data Network**
  Europe: 400 MHz;
  North America, South America, Asia: 900 MHz
  (all are 2W max.)

PERIPHERALS
- Two RS-232 serial ports, COM1 includes 16550 UART
- Peripheral port supports decoded and non-decoded scanners, serial printers, and other communication devices
- IrDA for short range communication with any peripheral equipped with a compatible interface
- Internal beeper, volume and tone control

KEYBOARD
- Available in 36-key "big button", 44-key "multi-purpose" and 56-key "full alpha numeric" formats
- All keyboards support remapping
- Up to 36 addressable function keys and 10 addressable/programmable macro keys

DISPLAY
- 160 × 160 graphic monochrome transflective LCD VGA screen with automatic back-lighting and adjustable contrast
- Active area: 62cm × 62cm/2.44" × 2.44"
- Font sizes supported: 5x10, 6x10, 8x10, 18x20, 18x26, 18x32, 9x20, 10x20, 10x26
- International language support including DBCS

ANTENNA OPTIONS
- Standard high gain whip antennas on 2.4 GHz and narrowband models for maximum coverage
- Optional internal antenna for 2.4 GHz model

SIZE & WEIGHT
- At keyboard: 69mm/2.7" wide × 41mm/1.6" deep
- Maximum overall: 93mm/3.7" wide × 74mm/2.9" deep × 241mm/9.5" long
- Weight (basic unit)
  with battery, hand strap and 2.4 GHz 802.11b radio: 650g/23 oz
  with integrated scanner add: 48g/1.7 oz
  with pistol grip add: 110g/3.9 oz

ENVIRONMENTAL
- Std. Temp Model: operating 0°C to 50°C/32°F to 122°F
- Low-Temp Model: operating -20°C to 50°C/-4°F to 122°F
- Storage: -20°C to 60°C/-4°F to 140°F
- Humidity: 10 - 90% relative humidity, non-condensing
- Drop Rating: 1.5m/5', 5 times to concrete
- Shock: 30G on all axis
- Vibration: 1.5G RMS PSD (Power Spectrum Density) on frequency range of 4 to 500 Hz
- Rain/Dust: IEC 529, IP54 rating, NEMA 3 and 3S

POWER MANAGEMENT
- Fast swap, rechargeable 1500 mAh 7.2V Li-Ion battery pack, 2.5 hour recharge
- 8 hour operation (typical TESS emulation, 5 scan transactions/min.)
- High reliability backup (approx. 5 min. during battery changing)
- APM (Advanced Power Management) compliant
- Accurate on-screen battery fuel gauge

OPTIONAL INTEGRATED SCANNERS
- High performance standard range with configurable aiming dot
- Long range, with configurable aiming dot
- Advanced long range, with configurable aiming dot
- 2D PDF417

APPROVALS
- Safety (applies to chargers): UL 1950, CSA C22.2 No950
- LVD EN60950
- EMC: FCC Part 15 Class B, EMC Directive 89/336/EEC
- Laser: CDRH/IEC Class II

ACCESSORIES
- 6 Unit Charger, In-Unit Charger
- Hand Strap, Wrist Strap, Shoulder Strap
- Belt Loop, Holster, Carrying Cases
- Vehicle-Mount Cradle (powered & non-powered)
- Field-Installable Pistol Grip
- Terminal Development Kit

*Specifications are subject to change without notification.

Terminal Development Kit

A WORD ABOUT PSION TEKLOGIX

Psion Teklogix provides mobile computing solutions for the enterprise. The company's systems, installed in more than 10,000 sites worldwide, provide mobile workers with anytime, anywhere access to enterprise IT systems. The largest operating division of Psion PLC, Psion Teklogix plays a key role in its parent company's vision to create new ways to access mobile data and the mobile internet. Psion Teklogix has 43 sales and support offices and 95 independent distributors throughout the worl

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