



FEATURES

- Choice of single or dual Type II PCMCIA slots: one for your choice of radio support (narrowband or 802.11b), the other for an ATA expansion card
- Industry's best radio coverage suited to cold chain environments
- Heated LCD display ensures a fast refresh rate at low temperatures: internal components are rated for low temperatures
- Solid support for advanced emulations
- Application optimization to suit any ERP, WMS or supply chain software
- Optional big-button keyboard offers easy use while wearing gloves

RF scanning for the cold chain

FAST, FLEXIBLE AND LIGHTWEIGHT

The 7035 hand-held, user-programmable computer warms to the challenges of condensing, cold chain environments where temperatures can fluctuate from a humid 50°C/122°F down to -30°C/-22°F. It is ideal in cold storage and yard applications, combining real-time accuracy, speed, ruggedness and ease of use. Lightweight and ergonomically designed, the 7035 transmits and receives data with sub-second response, and offers unique features and accessories to enhance performance and productivity in cold chain applications.



7035 Hand-Held Computer - Freezer

Specifications



7035 36-Key "Big Button"

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

- **IEEE 802.11b 2.4 GHz Spread Spectrum, Direct Sequence**
Data rate: 1, 2, 5.5 and 11 Mbps
- **403 - 512 MHz Synthesized Narrowband**
Transmission power: 2 watts North America;
.01 to 2 watts International
Data rates: 9.6 or 19.2 kbps; Channels: 1 to 16

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 wireless printing
- Internal beeper; volume and tone control

SECURITY

- Wired Equivalent Privacy (WEP)
- IEEE 802.1x support with Lucent WaveLAN radio
- LEAP support with Cisco 350 radio

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 x 160 graphic monochrome transfective LCD VGA screen with automatic back-lighting and adjustable contrast
- Active area: 62mm x 62mm/2.44" x 2.44"
- Font sizes supported: 5x10, 6x10, 8x10, 8x20, 9x20, 10x20, 18x20, 16x22, 10x26, 12x32, 18x32
- International language support including DBCS

ANTENNA OPTIONS

- Standard high gain whip antenna on narrowband model for maximum coverage in freezer
- Standard diversity antenna for 2.4 GHz model

SIZE & WEIGHT

- At keyboard: 69mm/2.7" wide x 41mm/1.6" deep
- Maximum overall: 93mm/3.7" wide x 74mm/2.9" deep x 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
with rubber casing (integrated scanner) 186g/6.6 oz
with rubber casing (non-integrated scanner) 222g/7.8 oz

ENVIRONMENTAL

Freezer/Extreme temp. model

- Operating: -30°C to 50°C/-22°F to 122°F
- Storage (without battery): -40°C to 60°C/-40°F to 140°F
- Humidity: 5 - 96% relative humidity, freezer condensing
- Drop Rating: Multiple 1.5m/5' drops 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, IP64 rating, NEMA 3 and 3S

POWER MANAGEMENT

- Fast swap, rechargeable 2200 mAh 7.2V Li-Ion battery pack, 2.5 hour recharge
- 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; 3 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.



7035 44-Key "Multi-Purpose"



7035 56-Key "Full Alpha Numeric"



7035 Shown with Vehicle-mount Options



7035 Shown with Field-Installable Pistol Grip



Terminal Development Kit

