

Ultra-Rugged Handheld Computer

TK6000™



Seeking Solutions Together

The TK6000 keys for success combine the utmost in ruggedness, field service and customization to meet customer needs.

One tough computer to make your own

The TK6000 combines ruggedness, field service, and expandability bringing you a unique rugged handheld for your data acquisition needs. More than a rugged handheld, the TK6000 is a mobile platform specially designed for you; the OEM solution provider or the field worker. Discover how you can customize the TK6000 for your specific needs.



Rugged when it counts

The TK6000 is built for high performance that you can depend on when working in the most rugged outdoor or industrial environments. Drop it onto concrete from more than 5 feet, dunk it in water, use it in extreme temperatures – it keeps working where you do. We invite you to try it!

Designed for field use

The thin profile, large color-coded keys, and sunlight readable display make the TK6000 easy to use throughout a long work day. Dual rechargeable Li-Ion batteries provide up to 32 hours operation on a single charge for power demanding applications or long-term use in remote areas.

Connect to the world

The powerful Windows Mobile 6.1 operating system runs both industry standard applications plus

custom applications created with standard development tools. The TK6000 features integrated Wi-Fi (802.11b/g) and Bluetooth wireless communications. The optional GSM cellular modem expansion pack adds remote connectivity between the field and office.

Add Functionality

The innovative TK6000 expansion packs add functionality without compromising ruggedness. Simply attach the expansion pack to integrate specialized sensors or communication options.

Building Partnerships

Quickly bring your solutions to market with our Business Partner program. Customization options range from brand identity to full integration of specialized electronics or sensors. Our “easy to do business with” philosophy is focused at working with you to make your solution a success whether your opportunity is large or small.

Features

- **Magnesium enclosure - Survives multiple 5' drops to concrete**
- **Robust alphanumeric keyboard for high production data entry**
- **Easy to view outdoor readable color display**
- **Supports two batteries offering up to 32 hours runtime***
- **Two RS-232 serial ports, host and client USB ports**
- **Windows Mobile 6.1 with integrated Bluetooth and Wi-Fi**
- **Optional GSM cellular data modem expansion pack**



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Two Battery Slots

Plenty of capacity for power intensive applications. Easy to access, simple to recharge.



Versatile I/O Module

Two RS-232 serial ports, USB Host (full size) USB Client (mini), and 12 VDC jack



GSM Cellular Data Modem

Optional expansion pack provides remote connectivity to and from the field.

Specifications

| | |
|----------------------------|--|
| Processor | Intel® XScale® PXA270, 624 MHz |
| Operating System | Windows Mobile 6.1, Windows Mobile Office programs standard |
| Memory | 128 MB RAM |
| Data Storage | 1 GB internal data storage MicroSD/SDHC slot |
| Display | 3.5 inch (89mm) QVGA (240-320) color TFT LCD |
| Touchscreen | Sealed, resistive with touchscreen disable function |
| Keyboard | 52 key full alpha and numeric keyboard; Large keys color coordinated by function; Nine-way directional button; Backlit control keys; Sticky keys: ALT, 2nd, CTRL, Shift |
| Operating Temperature | -22° to 140° F (-30° to 60° C) |
| Storage Temperature | -22° to 140° F (-30° to 60° C) |
| Charging Temperature | 32° to 104° F (0° to 40° C) |
| Dustproof, Waterproof | IP67 Sealed rating, waterproof and dustproof |
| Drop, Shockproof | Multiple drops 5' (1.5m) to concrete on all faces, corners, and sides |
| Batteries | Rechargeable Li-Ion battery; Capacity 3900 mAh; Runtime up to 16 hours; Two battery slots; Runtime up to 32 hours with two batteries* Built-in battery intelligence gauges charge level and prevents over charging the battery |
| Ports | Full size USB Host (A) Mini USB Client (B) COM 1 RS-232, 9 pin D connector, 5V@ 500 mA available on DTR (combined load on USB Host and DTR should not exceed 500 mA) COM 2 RS-232, 9 pin D connector 12 VDC power/charging port, 10-18 V unregulated, reverse polarity and over voltage protection |
| Wireless Connectivity | Bluetooth Class I (up to 75 meters). Wi-Fi and International Wi-Fi 802.11 b/g |
| Data Modem Expansion Pack | GSM/GPRS/EDGE data modem Quad band 850/900/1800/1900Mhz |
| Internal Clock | Battery-backed real time clock |
| Enunciators | External power/charge LED and notification LED Integrated speakers (two) and microphone |
| Dimensions | 10.49" long x 5.09" wide x 1.85" deep (266 mm long x 129 mm wide x 47 mm deep) |
| Weight | 1.88 lbs (853 g) one battery; 2.09 lbs (948 g) two batteries |
| Certifications & Standards | FCC Class B / EN 60950 / RoHS Compliant / WEEE |
| Warranty | One year (extended warranties available) |

* Actual runtime depends on application and configuration

To order or request more information, contact:

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