

Duo-Touch™



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The Smallest, Lightest Rugged Tablet PC

WIRELESS

Upgradable, Modular Design for Unparalleled Performance and Flexibility

- EV-DO
- EDGE/GPRS/UMTS/HSDPA
- 802.11 b/g WLAN
- Bluetooth
- Up to 3 RF modems and GPS at the same time
- Various combinations available depending on specific requirements

ERGONOMIC

Designed for rugged mobility

- One handed operation
- Under 2 kg (4.1lbs)
- Intuitive design for easy operation

POWERFUL

For today and for the future

- Intel Pentium m Processor 733 at 1.1 GHz
- 512 – 1280 MB DDR2 RAM 533 MHz

RUGGED

Providing for computing anywhere, anytime

- Vibration Mil-Std 810F, 514.5 and ASTM 4169-99 truck assurance level II schedule B
- Dust per IP-54
- Hazardous Location Class 1 Division 2 (UL 1604)
- 26 repeated 3 ft. drops onto plywood over concrete per MIL-STD 810F, 516, 5 IV
- Blowing rain/water resistance at 4" per hour at approximately 40 PSI for 10 minutes on all 6 axes per MIL-STD 810F, 5064II

GENERAL DYNAMICS
Itronix

Itronix brings the wireless performance and rugged capabilities of the GoBook line to the demanding world of Tablet PC's.

The Duo-Touch is a rugged "slate" Tablet PC that puts the power and flexibility of tablet computing to work in environmentally-challenging situations. Lightweight and ergonomic –enabling one-handed operation- the Duo-Touch includes both an active digitizer and passive touch screen and boasts the ruggedness and weatherization you've come to expect from Itronix. With multiple integrated wireless technologies, including EDGE / GPRS / UMTS / HSDPA, EV-DO, 802.11b/g, Class II Bluetooth and GPS, the Duo-Touch is ready for any wireless network. It offers the performance and flexibility needed to keep field-deployed, mission-critical workers productive. Itronix took the best aspects of Tablet PC technology and improved on them for high-performance mobile applications. It is Ideal for industries such as insurance, telecommunications, public safety, utility and energy, and commercial field service. The Duo-Touch is backed by Itronix' innovative "total-solutions" approach for implementation at the enterprise level. Whether your field team is new to wireless computing or if you are looking to enhance your existing mobile computing line-up, the Duo-Touch will provide years of performance at the stroke of a pen or touch of a finger.



Product specification

Compact Size:

- Length: 10.6" (27.0 cm)
- Width: 7.2" (18.4 cm)
- Depth: 1.65" (4.2 cm)

Weight:

- 4.1 lbs (less than 2.0 KG)

Processor/Memory:

- Intel® Pentium® M Processor 733 at 1.1 GHz with 2MB L2 cache
- 512 to 1280MB DDR2 RAM 533 MHz

Storage:

- Shock mounted 2.5" 40 GB and 80 GB hard disk drive (w/optional heater)
- Optional 16 GB Solid State Hard Disk Drive

Power:

- Smart 3900 mAh (40.0W) Lithium-Ion main battery pack
- 3900 mAh (40.0W) Lithium-Ion expansion battery pack option

Display:

- 8.4" SVGA TFT Transmissive display

Pointing Device:

- Digitizer Control Panel Touchscreen and Passive Touchscreen Standard

Operating System:

- Microsoft Windows XP Tablet PC Edition 2005

Interfaces:

- PC Card slot for (1) Type I or II card with 32 bit Card Bus 2.1 Interface
- Compact Flash slot for (1) Type I or II card
- Built-in RJ-11 and RJ-45 jacks for integrated fax/modem and Ethernet
- (2) USB 2.0 connectors
- 26-pin docking connector
- External speaker and microphone jacks
- Connector for expansion Battery

Audio:

- Internal microphone and speaker
- PCI Audio with AC-97 compliance

Integrated Wireline Communications:

- 56 Kbps V.92 fax/modem
- 10/100/1000 Mbit Base-T Ethernet LAN

Optional Integrated Wireless Communications:

- EV-DO
- EDGE/GPRS/UMTS/HSDPA

- 802.11b/g WLAN
- Bluetooth
- Up to 3 RF modems and GPS can be integrated at one time
- GPS

Hot Keys:

- Enter
- Up/Down Arrows
- Escape
- Security (Secure Attention Sequence)
- Rotate Display Image (landscape/portrait)
- Function Key
- Suspend/Power on/off
- WLAN/Bluetooth on/off
- On/off switch for all radio's

Options:

- Desk Mount with 15-pin external video (CRT) port
- (2) USB ports, and expansion Battery Charger
- Vehicle power supply
- Vehicle dock with optional keyboard, lock, and serial, USB, and external monitor connectors
- Hand strap

- Carry cases for system and accessories with handle and optional shoulder straps
- Mobility XE™, seamless roaming connectivity

Environmental:

- Die-cast magnesium for structural components
- Operating temperature -20° to 60° C (-4° to 140° F)
- Storage temperature -55° to 75° C (-67° to 167° F)
- Optional Compliance with UL 1604 Class I, Division 2, Group A, B, C and D for Hazardous Locations
- 26 repeated 3ft drops onto plywood over concrete per MIL-STD 810F, 516.5 IV
- Blowing rain/water resistance at 4" per hour at approximately 40 psi for 10 minutes on all 6 axes per MIL-STD 810F, 506.4 II
- Dust per IP-54
- Vibration per MIL-STD 810F, 514.5 and ASTM 4169-99 truck assurance level II, Schedule E
- Boot Temperature 0° C without Hard Drive Heater; -20° C with Hard Drive Heater (with external power)
- CE Mark

GENERAL DYNAMICS

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