

Duo-Touch™ II



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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/HSUPA
- 802.11 a/g/n 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® Core™ Duo Processor U2500 at 1.2 GHz
- 512 - 2048 MB DDR2 RAM 533MHz

RUGGED

Providing for computing anywhere, anytime

- Meets or exceeds MIL-STD 810F
- ASTM 4169-99 truck assurance Level II, Schedule B
- Sealed against water and dust intrusion (IP54)
- Hazardous Location (HazLoc) Certification (UL1604)
- Magnesium alloy casing and impact absorbing exoskeleton
- Crash-tested for in-vehicle safety

GENERAL DYNAMICS

Itronix

General Dynamics Itronix brings the wireless performance and capabilities of its rugged notebooks to a mid-sized Tablet PC!

The Duo-Touch II is the rugged next generation Tablet PC by General Dynamics that puts the power and flexibility of tablet computing to work in challenging work environments demanding rugged, yet light computers. Lightweight and ergonomic –enabling one-handed operation- the Duo-Touch II includes both an active digitizer and passive touch screen, and boasts the ruggedness and weatherization you've come to expect from General Dynamics Itronix. With multiple integrated wireless technologies, including EDGE / GPRS / UMTS / HSDPA / HSUPA, EV-DO, 802.11 a/g/n, Class II Bluetooth and GPS, the Duo-Touch II is ready for any wireless network. The Duo-Touch II also features unparalleled outdoor viewability with the new patent-pending DynaVue™ technology.

The Duo-Touch II offers the performance and flexibility needed to keep field deployed, mission-critical workers productive. General Dynamics Itronix took the best aspects of Tablet PC technology and improved on them for high-performance mobile applications. The Duo-Touch II is ideal for industry, as well as public safety and military and is backed by General Dynamics Itronix comprehensive "total solution" services. Whether your mobile workers are new to wireless computing or if you are looking to enhance your existing mobile computing line-up, the Duo-Touch II 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® Core™ Duo Processor U2500 at 1.2 GHz with 2MB L2 Cache
- 512 to 2048MB DDR2 RAM 533 MHz

Storage:

- Shock mounted 2.5" 80 GB and 120 GB hard disk drive (w/optional heater)
- Optional 16 GB or 32 GB Solid State Hard Disk Drives

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 with DynaVue™ Patent-Pending technology for optimum outdoor viewability
- DynaVue™ exceeds the minimum contrast ratio as required for bright sunlight per DOD-STD-3009

Pointing Device:

- Digitizer Control Panel Touchscreen and Passive Touchscreen Standard

Operating System:

- Microsoft® Windows XP Tablet PC Edition 2005
- Microsoft® Windows Vista™

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/HSUPA
- 802.11 a/g/n 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

- Fingerprint Scanner
- 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
- Meets or exceeds MIL-STD 810F
- ASTM 4169-99 truck assurance Level II, Schedule B
- Sealed against water and dust intrusion (IP54)
- Magnesium alloy casing and impact absorbing exoskeleton
- Crash-tested for in-vehicle safety
- Boot Temperature 0° C without Hard Drive Heater; -20° C with Hard Drive Heater (with external power)
- CE Mark