

# Introducing the new GETAC 840XT

Full Mil-Spec 8.4" Tablet PC designed by the experts  
in rugged mobile computing solutions



## Mobility Matters™

**Built to withstand environmental conditions that regular Tablet PCs and laptops can't, the new 8.4" g840XT rugged Tablet PC is MIL-STD-810F compliant and rated IP54 to satisfy even the most demanding mobile professionals.**

The g840XT is a full mil-spec Tablet PC designed for use by professionals who require mobility, durability and advanced wireless functionality to effectively do their work. By incorporating key features such as a shock mounted HDD, sunlight viewable display, touch screen, WiFi and Bluetooth® connectivity, GlobalSat GPS module and even an optional WWAN module; the g840XT offers the mobility of a lightweight touch tablet surrounded by a tough, magnesium alloy exterior.

The rugged g840XT Tablet PC is the ideal mobile device for professionals who must endure extreme working conditions including those in field services, public utilities, transportation, emergency services and even commercial construction. For these and other environmentally challenged industries, the new g840XT is the rugged and powerful computing solution that keeps workers current and connected at all times.

### UNITRONIX Pty Ltd

PO Box 486, Morisset NSW 2264  
NSW: Tel: 61 2 4977 3511 Fax: 61 2 4977 3522  
WA: Tel: 61 8 9455 2424 Fax: 61 8 9455 2458  
unitsyd@unitronix.com.au [www.unitronix.com.au](http://www.unitronix.com.au)



## Hardware Specifications

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| <b>Processor:</b>  | Intel® Stealey A110 ULV Processor (800 MHz, 90nm process)<br>32KB/32KB L1 cache (on-die) / 512KB L2 Cache (on-die) w/ ATCA<br>400 MHz, source-synchronous Front Side Bus<br>Support for MMX™, SSE2, Internet Streaming SIMD instructions<br>Advanced power management with Enhanced Intel SpeedStep® |
| <b>Chipsets:</b>   | Intel® 945GU Express Chipset (North Bridge)<br>Intel® ICH7U I/O Controller Hub (South Bridge)  |
| <b>Memory:</b>     | 1.0 GB DDR2 533/400 MHz SODIMM   |
| <b>BIOS:</b>       | Phoenix BIOS includes system and video<br>1MB Flash   Boot from USB   Plug & Play (TBD)<br>APM 1.2   ACPI BIOS   Supports S3 and S4 power states<br>Password protection   TPM v1.2 control<br>HDD PreHeat & HDD Power Down for extreme temperatures  |
| <b>Battery:</b>    | Rechargeable 4-cell Lithium Ion battery pack (5,200mAh)  |
| <b>Hard Drive:</b> | 1.8" format supported, 8 mm height<br>80GB PATA 4,200 rpm, shock mounted   |
| <b>Video:</b>      | Intel® Gen 3.5 Integrated Graphics Engine<br>133 MHz core render/core display clock @ 1.05-V core<br>Microsoft DirectX® 9.1 compliant<br>8.4" TFT LCD SVGA (800x600) transmissive display (800 nits)<br>Sunlight readable screen standard  |
| <b>Audio:</b>      | Realtek Azalia HD Audio Codec<br>Built-in 1W speaker and 3.5mm line out port<br>Volume control via keypad and included software  |
| <b>Wireless:</b>   | 802.11b/g Networking<br>AES, TKIP, WEP, 802.11i/WPA2 security<br>Authentication 802.1x, 802.11e/WMM Quality of Service<br>Bluetooth® 2.0+EDR built-in module<br>Built-in GlobalSat ET-312 GPS Module<br>Optional WWAN (EVDO/1x RTT/CDMA/HSDPA/UMTS/EDGE/GSM)   |
| <b>Input:</b>      | Passive resistive touch screen with 100gm sensitivity<br>Integrated keypad with cursor and function control  |
| <b>I/O Ports:</b>  | 2x 4-pin USB 2.0<br>1x Type II PC Card<br>1x 56-pin Cradle Connector<br>1x RJ45 10/100/1000 Base-T Ethernet Port<br>1x WWAN Antenna Pass-Thru Connector (module optional)  |

## Software Specifications

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|--------------------------|---|
| <b>Operating System:</b> | Microsoft® Windows Vista® Business<br>Microsoft® Windows® XP Embedded   |
| <b>Applications:</b>     | EasyTap Utility, G-Manager Utility<br>Infineon Security Platform Solution (TPM)<br>PlazaLogic Eyesboard™ Virtual Keyboard |

## Accessories

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| <b>Included:</b> | AC Adapter with Power Cord Set<br>User's Guide and Quick Start Guide<br>System Restore Disc<br>UltraFiber Cleaning Cloth<br>1 Year Limited Warranty, Parts & Labor |
| <b>Optional:</b> | External Optical Drive (CD, DVD or Combo)<br>WWAN Module<br>Docking Cradle with additional I/O Ports<br>2 or 3 Year Extended Limited Warranty                      |

## Physical Characteristics

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| <b>Weight:</b>                | 1.47 kg (3.25 lbs.)  |
| <b>Measurements:</b>          | 280 mm x 184 mm x 32 mm<br>(11 in x 7.65 in x 1.26 in)   |
| <b>Operating Temp:</b>        | -20° to 60° C (-4° to 140° F)<br>Tested MIL-STD-801F methods 501.4, 502.4  |
| <b>Storage Temp:</b>          | -40° to 75° C (-40° to 167° F)<br>Tested MIL-STD-801F methods 501.4, 502.4   |
| <b>Thermal Shock:</b>         | -20° to 60° C<br>Tested MIL-STD-810F method 503.4  |
| <b>Rel. Humidity:</b>         | 0 to 95%<br>Tested MIL-STD-810F method 507.4   |
| <b>Vibration (Integrity):</b> | C-17, 0.04 g <sup>2</sup> /Hz at 20-1000 Hz,<br>-6 dB/Octave at 1000-2000 Hz<br>Tested MIL-STD-810F method 514.5           |
| <b>Transit Shock:</b>         | 3 feet drop, polywood, all surfaces,<br>edges and corners (26drops)<br>Tested MIL-STD-810F method 516.5                    |
| <b>Mechanical Shock:</b>      | 20g, 11ms, Terminal Sawtooth, Operating<br>40g, 11ms, Terminal Sawtooth, Non-Operating<br>Tested MIL-STD-810F method 516.5 |
| <b>Crash Shock:</b>           | 75g, 11ms, Terminal Sawtooth<br>Tested MIL-STD-810F method 516.5   |
| <b>Rain:</b>                  | Drip Proof, 7 gal/ft <sup>2</sup> /hr  |
| <b>Compliance:</b>            | MIL-STD-810F and IP54  |



2832 Columbia Street, Torrance, California 90503  
310 782 1201 tel 310 782 1205 fax [www.tabletkiosk.com](http://www.tabletkiosk.com)