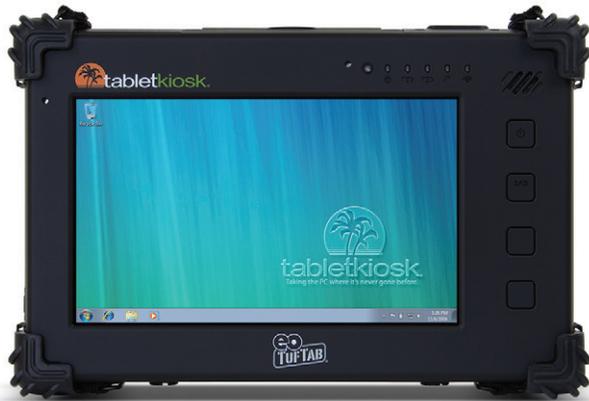


# Ultra-Durable, Ultra-Mobile...



## Ultra-Productive PCs



### Introducing the all new



The new **eo TufTab® a7230XD** and **a7230XT** are the next generation of rugged, Ultra-Mobile PCs built to perform in even the harshest working conditions. MIL-STD-810G compliant and rated IP65, these 7.1-inch slate-style Tablet PCs are powered by the Intel® Atom™ Z530P processor, and feature a sunlight readable, LED backlit, LCD display with hard coat protection; a shock mounted HDD or SSD; 2.0GB RAM; 802.11 a/b/g/n wireless networking; Bluetooth 2.1+EDR and a 2.0 Mpixel still/video digital camera. Plus, with optional 2D/1D barcode reader, RFID reader, and Gobi® 3G WWAN modules, you can work virtually anywhere and collect and transmit data from a wide variety of sources.

The **eo TufTab® a7230XD** features a unique WACOM® dual-mode screen that automatically switches between resistive touch screen and active digitizer (pen) input.

The **eo TufTab® a7230XT** features a resistive touch screen for when digital inking isn't required but a lower budget is.



## Hardware Specifications

|                    |  |
|--------------------|--|
| <b>Processor:</b>  | Intel® Atom™ Z530P (512K L2 cache, 1.60 GHz, 533 MHz FSB)<br>Intel's 45nm Hi-K metal gate silicon technology (2.2W max TDP)<br>Featuring Intel® SpeedStep® and Hyper-Threading Technologies<br>SSE3 instruction set support for increased video decoding<br>Supports new C6 power state (Deep Power Down Technology) |
| <b>Chipset:</b>    | Intel® System Controller Hub US15Wx<br>Integrated single chip graphics, memory and I/O controller<br>Low power thermal design consumes less than 2.3W  |
| <b>Memory:</b>     | 1x DDR2 533/400 MHz SODIMM slot (2.0 GB standard)<br>Single 64-bit wide channel  |
| <b>Batteries:</b>  | 2-cell Lithium-Ion Polymer Batteries (7.4V, 2,580mAh @ 19Wh each)<br>Hot Swappable, Battery Mark 4.0: 3.5 - 4 hours  |
| <b>Hard Drive:</b> | 1.8" SATA, 5mm height, configurations from 120GB<br>Accelerometer auto parks drive heads during freefall   |
| <b>Display:</b>    | 7" TFT LED backlit WSVGA (1024x600) LCD display<br>Anti-glare hard coat protection<br>Sunlight readable screen (a7230XD only)  |
| <b>Input:</b>      | WACOM® dual-mode digitizer + resistive touch screen with<br>auto-sensing, screen mode switching solution (a7230XD)<br>4-wire resistive touch screen with PenMount 6001 controller (a7230XT)  |
| <b>Video:</b>      | Intel® GMA 500 provides integrated 2D and 3D graphics<br>MPEG-2/MPEG-4/H.264/VC-1/WMV-9 HD video decoder<br>DirectX 9.1 compatible<br>Display can auto-rotate (90°/180°/270°)  |
| <b>Audio:</b>      | Intel® HD Audio Interface with Realtek ALC262 HD Audio Codec<br>Built-in 1.5W mono speaker and digital microphone array  |
| <b>Wireless:</b>   | Intel® WiFi Link 5100 Series, integrated half mini card<br>Dual Channel WiFi 802.11a/b/g/n (2.4GHz and 5.0GHz)<br>Supports Cisco Compatible Extensions v4 (CKM/CAC/U-APSD/VM)<br>Bluetooth® 2.1+EDR built-in module<br>Ublox 5 powered GPS built-in module   |
| <b>Camera:</b>     | Integrated 2.0 Mpixel CCD Still/Video with auto focus  |
| <b>Security:</b>   | Infineon Single-Chip Trusted Platform Module (TPM) v1.2<br>Kensington compatible PC locking port   |
| <b>I/O Ports:</b>  | 1x DC-In, 1x Headphone, 1x Stereo Microphone<br>2x 4-pin USB 2.0<br>1x 10/100 Ethernet (RJ45)<br>1x Docking Cradle Connector<br>1x ExpressCard/34 Expansion Slot (N/A with built-in 3G option)   |

## Software Specifications

|                          |   |
|--------------------------|---|
| <b>Operating System:</b> | Microsoft® Windows® 7 Professional<br>Windows® Embedded (Special Order)<br>openSUSE™ Linux 11 |
| <b>Applications:</b>     | Adobe® Acrobat® Reader 9  |

## Accessories

|                  |  |
|------------------|--|
| <b>Included:</b> | 2x Lithium-Ion Polymer Battery Packs<br>AC Adapter with Power Cord Set<br>Hand Strap and Stylus Pen with tether<br>Quick Start Guide and System Restore DVD <sup>1</sup><br>1 Year Limited Warranty, Parts & Labor |
| <b>Optional:</b> | Docking Cradles with Quick Release (adds<br>4x USB 2.0, VGA, RS-232, LAN, 2x battery charging slots)<br>RFID Reader, 2D/1D barcode reader,<br>GOBI® 3G WWAN, Extended Life Batteries                               |

## Physical Characteristics

|                        |  |
|------------------------|--|
| <b>Weight:</b>         | 1.2 kg (2.65 lbs.) with both batteries installed   |
| <b>Measurements:</b>   | 225 mm x 145 mm x 39.8 mm (w/o bumpers)<br>(8.86 in x 5.71 in x 1.56 in)   |
| <b>LED Indicators:</b> | Power (ON: green, Standby: blinking)<br>2x Battery (Charging: orange, Low: red blinking)<br>Fully charged with DC connected: green,<br>Fully charged without DC connected: OFF)<br>Hard Drive (Activity: green blinking)<br>Wireless [WLAN+Bluetooth] (ON: blue, OFF: OFF) |
| <b>Buttons:</b>        | System Power, SAS, 2x user programmable  |
| <b>Temperature:</b>    | Operation: -20°C to +60°C (-4°F ~ +140°F)<br>Storage: -55°C to +75°C (-67°F ~ +167°F)  |
| <b>Humidity:</b>       | Operation: 5% to 95%   |
| <b>Drop:</b>           | MIL-STD 810G (516.5 Proc IV) compliant<br>26 drops of 48 inches to plywood over concrete<br>with power off, 1 unit to pass   |
| <b>Water Sealing:</b>  | MIL-STD 810G (506.5 Proc I) and IPX5 compliant<br>Rain chamber to operate at not less than 40 PSIG<br>and not less than 4 in/hr.<br>10 min per axis, 6 axes (Unit is powered off)  |
| <b>Dust Proof:</b>     | Meet IEC/EN60529 IP6X standard<br>Protected against dust, no ingress   |
| <b>Vibration:</b>      | Meet Mil Std 810G 514.6, Procedure I Cat. 24,<br>Fig. 514.6E-1 & 514.6E-2, Unit is powered off<br>ASTM 4169-99 Truck Assurance Level II, Schedule E<br>Unit is operating   |
| <b>EMI/Safety:</b>     | CUL, UL, FCC, CE   |



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