

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

## Software Specifications

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

## Accessories

<b>Included:</b>	2x Lithium-Ion Polymer Battery Packs AC Adapter with Power Cord Set Hand Strap and Stylus Pen with tether Quick Start Guide and System Restore DVD <sup>1</sup> 1 Year Limited Warranty, Parts & Labor
<b>Optional:</b>	Docking Cradles with Quick Release (adds 4x USB 2.0, VGA, RS-232, LAN, 2x battery charging slots) RFID Reader, 2D/1D barcode reader, 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) (8.86 in x 5.71 in x 1.56 in)
<b>LED Indicators:</b>	Power (ON: green, Standby: blinking) 2x Battery (Charging: orange, Low: red blinking) Fully charged with DC connected: green, Fully charged without DC connected: OFF) Hard Drive (Activity: green blinking) 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) 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 26 drops of 48 inches to plywood over concrete with power off, 1 unit to pass
<b>Water Sealing:</b>	MIL-STD 810G (506.5 Proc I) and IPX5 compliant Rain chamber to operate at not less than 40 PSIG and not less than 4 in/hr. 10 min per axis, 6 axes (Unit is powered off)
<b>Dust Proof:</b>	Meet IEC/EN60529 IP6X standard Protected against dust, no ingress
<b>Vibration:</b>	Meet Mil Std 810G 514.6, Procedure I Cat. 24, Fig. 514.6E-1 & 514.6E-2, Unit is powered off ASTM 4169-99 Truck Assurance Level II, Schedule E Unit is operating
<b>EMI/Safety:</b>	CUL, UL, FCC, CE



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