

# Introducing the Sahara NetSlate™ a230T

The new lower cost touch screen Tablet PC that unlimits your client/server relationship.

Available with 3G/3.5G WWAN built-in!



For added value and convenience, the new **Sahara NetSlate™ a230T** Tablet PC is fully compatible with all accessories and peripherals created for the **Sahara Slate PC® i400** series of Tablet PCs.

Whether for remote registration kiosks, table-side order taking, automated systems control, or even just browsing the web and checking e-mail on the road, the **Sahara NetSlate™ a230T** slate-style Tablet PC, powered by the Intel® Atom™ N270 ULV processor, is the smart networked computer that won't limit your productivity or stifle your sense of mobility.

The **Sahara NetSlate™ a230T** features a full 12.1-inch wide-view TFT XGA LCD with resistive touch screen, dual channel WiFi networking, optional 3G/3.5G built-in WWAN module, Bluetooth® 2.1+EDR and is available with your choice of Windows Vista® Business (qualifies for FREE Windows® XP Pro downgrade and FREE Windows® 7 Pro upgrade), Windows® XP Embedded or openSUSE™ Linux.



## Hardware Specifications

<b>Processor:</b>	Intel® Atom™ N270 (512K L2 cache, 1.60 GHz, 533 MHz FSB) Intel's 45nm Hi-K metal gate silicon technology (2.5W max TDP) Enhanced Intel® SpeedStep® Technology SSE2 and SSE3 instruction set support for increased video decoding Supports C4 power state (Deeper Sleep) for extended battery life
<b>Chipsets:</b>	Mobile Intel® 945GSE Express (Northbridge) with 82801GBM I/O Controller Hub (ICH7-M Southbridge) Direct Media Interface with 10 Gb/s each direction, full duplex
<b>Memory:</b>	2x DDR2 533/400 MHz 200 pin SODIMM slots, 1.0 GB standard Single 64-bit wide channel, configurations up to 2.0 GB
<b>Battery:</b>	6-Cell Lithium Ion Smart Battery Pack (3,800 mAh @ 11.1 V, 42W/hr) Over Charge Protection, Over Discharge Protection, Over Current and Output Short Protection, Over Thermal Protection Compatible with Sahara Slate PC® Extended Life Battery
<b>Hard Drive:</b>	2.5" format, 9mm height, configurations from 120GB Ultra DMA SATA 1.5Gbs
<b>Input:</b>	12.1" Wide-View TFT XGA (1024x768) LCD display Passive Resistive Touch Screen with PenMount's Multi-Touch†
<b>Video:</b>	Integrated Intel® GMA 950 PCI Express, 3.5 Gen graphics engine 250MHz core render clock and 200MHz core display clock Dynamic Video Memory Technology 3.0 Up to 224 MB shared video RAM available to O.S. Microsoft® DirectX® 9.1 support
<b>Audio:</b>	Integrated Intel® HD Audio (ICH7-M) AC'97 Compatible, ALC262-VC2-GR HD Codec, 32-bit/192KHz Built-in 1.5W Stereo Speakers and Dual Digital Microphone Array 3.5mm Headphone & Microphone Plug & Play Jacks
<b>Wireless:</b>	Intel® WiFi Link 5100 Series, integrated half mini card 802.11a/b/g/n† Dual Channel Networking with Power ON/OFF switch Support for Cisco Compatible Extensions v4 (CKM/CAC/U-APSD/VM) Bluetooth® 2.1+EDR built-in module with Power ON/OFF button Sierra Wireless 3G/3.5G WWAN Data Module (optional)
<b>Security:</b>	Infineon Single Chip Trusted Platform Module (TPM) Trusted Group Computing (TCG) v1.1B / v1.2 compliant Kensington compatible locking port
<b>I/O Ports:</b>	1x DC-In, 2x 4-pin USB 2.0, 1x Headphone, 1x Stereo Microphone 1x Docking Cradle Connector (dock adds VGA, 4x USB 2.0, RJ45 10/100 Ethernet, IEEE1394a (6-pin), and DC Power pass-thru.

## Software Specifications

<b>Operating System:</b>	Microsoft® Windows Vista® Business (with SP1) Qualifies for MS Windows® XP Downgrade Qualifies for FREE upgrade to Windows® 7 Professional* Microsoft® Windows® XP Embedded (Special Order) openSUSE™ Linux 11
<b>Applications:</b>	PlazaLOGIC Eyesboard™ 2.1 Virtual Keyboard Adobe Acrobat Reader 9

## Accessories

<b>Included:</b>	Standard Lithium-Ion Battery AC Adapter with Power Cord Set Neoprene Slip Case & Presentation Stand Quick Start Guide & Digital User's Guide System Restore DVD <sup>2</sup> 1 Year Limited Warranty, Parts & Labor
<b>Optional:</b>	<i>Compatible with accessories for i400 series including:</i> Docking Cradle with additional I/O Ports Extended Life Battery (for up to 8 hours of use) External Optical Drive (CD, DVD or Combo) Folding USB & Bluetooth® Keyboards Airplane/Car Charger Bump Cases, Screen Protectors and more. 2 Year and 3 Year Extended Warranties

## Physical Characteristics

<b>Weight:</b>	1.62 kg (3.57 lbs.) with standard battery pack
<b>Measurements:</b>	300 mm x 220 mm x 26 mm (11.81 in x 8.66 in x 1.02 in)
<b>LED Indicators:</b>	Power (ON: blue, Standby: blinking) Battery (Charging: amber, Low: amber blinking) Fully charged with DC connected: green, Fully charged without DC connected: OFF) Hard Drive (Activity: blue blinking) Wireless (WiFi only ON: blue, 3G only ON: Amber, WiFi & 3G both ON: Blue+Amber, OFF: OFF) Bluetooth® (ON: blue, OFF: OFF)
<b>Control Switches:</b>	System Power/Stand-by, Bluetooth® transmitter, Wireless Networking transmitter
<b>Function Buttons:</b>	<b>(L):</b> SAS, Screen Rotation, Volume Up/Down <b>(R):</b> WiFi/3G mode(s), 3x User Programmable
<b>Mounting:</b>	VESA MIS-D, 75/100, C (via optional mounting plate or docking cradle)
<b>Temperature:</b>	Operation: +5°C to +35°C (41°F ~ 95°F) Storage: -20°C to +65°C (4°F ~ 149°F)
<b>Humidity:</b>	Operation: 20% to 80% (w/o condensation) Storage: 8% to 90% (w/o condensation)



**tabletKiosk**  
Taking the PC where it's never gone before.

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