

# Introducing the Sahara NetSlate™ a230T

The new touch screen Tablet PC that puts the “Smart” into “Smart Client”.



Available with  
3G WWAN  
built-in!

## Mobility Matters™

The Sahara NetSlate™ a230T Tablet PC is the smart client that packs convenience and flexibility into a sleek, lightweight “carry anywhere” design.

The new Sahara NetSlate™ a230T is the resistive touch screen Tablet PC specifically designed to run client/server applications and remote desktop software in a business environment.

Powered by the Intel® Atom™ N270 ULV processor, the Sahara NetSlate™ is a lower cost option for those wanting a slate style Tablet PC but not necessarily with all of the enhanced features of the existing Sahara Slate PC® i400 series of Tablet PCs.

Because we know that continuity is an important value when integrating a new client solution into an existing installation, the Sahara NetSlate™ is fully compatible with all accessories created for the Sahara Slate PC® i400 series; including cords, docking cradle, VESA mounts, batteries, magnetic stripe readers and even the carrying cases and screen protectors.

The Sahara NetSlate™ a230T features a 12.1” wide-view TFT WXGA LCD display, Dual Channel WiFi Networking, and comes installed with your choice of Microsoft® Windows Vista® Business (qualifies for MS Windows® XP Pro Downgrade), Windows® XP Embedded or openSUSE™ Linux 11.



## 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 80GB Ultra DMA SATA 1.5Gbs
<b>Input:</b>	12.1" Wide-View TFT WXGA (1024x768) LCD display Passive Resistive Touch Screen
<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 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 <sup>1</sup> 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 3G WWAN Data Module with SIM Card Slot (optional)
<b>Security:</b>	Infineon Single Chip Trusted Platform Module (TPM), v2.1 Firmware 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 Microsoft® Windows® XP Embedded (Special Order) openSUSE™ Linux 11
<b>Applications:</b>	PlazaLOGIC Eyesboard™ 2.1 Virtual Keyboard Microsoft® Office 2007 compatible

## Accessories

<b>Included:</b>	Standard Lithium-Ion Battery AC Adapter with Power Cord Set Neoprene Slip Case & Presentation Stand Quick Start 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: Green, 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>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)
<b>Altitude:</b>	Operation: sea level to 10,000 feet Storage: sea level to 40,000 feet



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