

Introducing the Sahara NetSlate® a230T

The lower cost 12.1-inch touch screen Tablet PC designed specifically for business applications.



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 slate-style Tablet PCs.

Designed for enterprise use, the **Sahara NetSlate® a230T** slate-style Tablet PC, powered by the Intel® Atom™ N270 ULV processor, is the networked touch screen computer well suited for client/server business applications. Its sleek lightweight design, resistive touch screen and versatile form factor, make the Sahara NetSlate an ideal component for both mobile and in-wall touch screen applications such as systems control and self-service kiosks.

The **Sahara NetSlate® a230T** features a full 12.1-inch wide-view TFT XGA LCD with resistive touch screen, dual channel Intel® WiFi 802.11a/b/g/n networking, optional 3G/3.5G built-in WWAN module, Bluetooth® 2.1+EDR and is available with your choice of Windows® 7 Professional, Windows® Embedded or openSUSE™ Linux.



Hardware Specifications

Processor:	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
Chipsets:	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
Memory:	2x DDR2 533/400 MHz 200 pin SODIMM slots, 1.0 GB standard Single 64-bit wide channel, configurations up to 2.0 GB
Battery:	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
Hard Drive:	2.5" format, 9mm height, configurations from 120GB Ultra DMA SATA 1.5Gbs
Input:	12.1" Wide-View TFT XGA (1024x768) LCD display Passive Resistive Touch Screen with PenMount Gestures†
Video:	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 Windows® Microsoft® DirectX® 9.1 support
Audio:	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
Wireless:	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)
Security:	Infineon Single Chip Trusted Platform Module (TPM) Trusted Group Computing (TCG) v1.1B / v1.2 compliant Kensington compatible locking port
I/O Ports:	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

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

Accessories

Included:	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 ¹ 1 Year Limited Warranty, Parts & Labor
Optional:	<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 Keyboard Airplane/Car Charger Bump Cases, Screen Protectors and more. 2 Year and 3 Year Extended Warranties

Physical Characteristics

Weight:	1.62 kg (3.57 lbs.) with standard battery pack
Measurements:	300 mm x 220 mm x 26 mm (11.81 in x 8.66 in x 1.02 in)
LED Indicators:	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)
Control Switches:	System Power/Stand-by, Bluetooth® transmitter, Wireless Networking transmitter
Function Buttons:	(L): SAS, Screen Rotation, Volume Up/Down (R): WiFi/3G mode(s), 3x User Programmable
Mounting:	VESA MIS-D, 75/100, C (via optional mounting plate or docking cradle)
Temperature:	Operation: +5°C to +35°C (41°F ~ 95°F) Storage: -20°C to +65°C (4°F ~ 149°F)
Humidity:	Operation: 20% to 80% (w/o condensation) Storage: 8% to 90% (w/o condensation)



Solzon Corporation
119 Drum Hill Road, Suite 131
Chelmsford, MA 01824
www.solzon.com

For more information please contact us at

(978) 467-1812 or email us at sales@solzon.com.

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All specifications are subject to change without notice. ¹Some units may include a System Restore image on the internal HDD in addition to, or in lieu of, a Restore DVD. [†]Via PenMount software drivers in Windows 7.