Introducing the Sahara NetSlate® a230T

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

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 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.

tabletkiosk®
Taking the PC where it's never gone before.

intel Atom™ inside™

Windows® Embedded Standard 7

Windows®7 Professional

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: *Compatible with accessories for i400 series including:*
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:+5ºC 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)

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