

Introducing the Ultimate Mobile Client
Sahara NetSlate® a510 Tablet PC
Now you can work anywhere, quickly and securely



The Sahara NetSlate® a510 Tablet PC brings full desktop-class PC compatibility and versatility to the tablet platform with features like Highspeed I/O, Enterprise grade security and running Windows® 7 Professional (64-bit) or Linux.

The **Sahara NetSlate® a510** Tablet PC by TabletKiosk is designed to enhance productivity for mobile professionals by providing a combination of compatibility, versatility and Enterprise-grade security that allows work to be done out in the field as safely and efficiently as back in the office. Compatibility with Microsoft® Windows® 7 Professional enables you to run all the same applications on the road, that you run back in your office. Highspeed data transfer and connectivity via SuperSpeed USB 3.0, Gigabit Ethernet, dual-stream 802.11n wireless networking or optional Gobi™ universal 3.5G WWAN provide the necessary versatility to be able to work efficiently from nearly any location. And Enterprise-grade data security with TPM v1.2 enhanced encryption and biometrics makes working remotely as safe and secure as possible.

Additionally, as a true **enterprise-class device**, the Sahara NetSlate a510 Tablet PC is durable enough to be used every day, all day, without the extra careful handling that typical consumer-grade tablet devices demand. It also features a product life-cycle that is 2 - 3 times longer than a consumer-grade PC so you don't have to worry about availability or consistency over the duration of your business project. And of course, as with all of their Tablet PCs, the Sahara NetSlate a510 is backed by TabletKiosk's three stages of quality control and world-class customer support provided by our knowledgeable and courteous in-house staff.



Hardware Specifications

Processor:	Intel® Atom™ D525 (1.0MB L2 cache, 1.8 GHz, 2 cores, 4 threads) Intel® Hyper-Threading Technology, Intel® 64, Execute Disable Bit SSE2, SSE3 and SSSE3 instruction set extensions for improved video
Chipset:	Intel® ICH8M I/O Controller Hub (ICH) Built-in Intel® 3rd Generation Graphics Media Accelerator ACPI 3.0b Power Management, supports C0-C1, S0, S3-S5 power states
Memory:	1x DDR3 SODIMM slot, configurations from 2.0GB–4.0GB DDR3-800
Batteries:	Dual hot swappable, rechargeable, user replaceable Lithium-Ion (3S1P, 11.1V/1880mAh/21Wh each) with Smart IC Over Charge Protection, Over Discharge Protection, Over Current and Output Short Protection, Over Thermal Protection
Hard Drive:	2.5" 9.5mm format, SATA II (3.0Gbs) 40GB Solid State Drive (SSD) standard
Display/Input:	12.1" WXGA (1280 x 800) TFT LCD with LED backlighting Accelerometer with automatic screen rotation (orientation lockable) 5-Wire Resistive Touch Screen with PenMount 6000 USB controller (Dual Mode Wacom Active Digitizer + Resistive Touch Screen available as custom build-to-order option for OEM/other large deployments)
Video:	Integrated Intel® Graphics Media Accelerator 3150 Windows® Aero® Technology Compliant, DirectX® 9c compatible, Open GL 1.5 support in Windows 7 (OpenGL 2.0 in Linux) 200MHz Core/Shader Engine, up to 384MB shared video memory MPEG-2/WMV9 Hardware Playback Acceleration
Audio:	Integrated HD Audio ALC272 HD Codec, 32-bit/192KHz Microsoft® WLP 3.1+ compliant Built-in Stereo Speakers (1.0W/40hm each) and Dual Digital Stereo Microphone Array for added audio fidelity and accuracy 3.5mm Stereo Headphone & Stereo Microphone Plug & Play Jacks
Wireless:	Intel® Centrino® Advanced-N 6205 802.11a/b/g/n WiFi networking 802.11d/e/i/h, QoS, with power ON/OFF switch WPA and WPA2, 802.1X (EAP-TLS, TTLS, PEAP, LEAP, EAP-FAST), EAP-SIM, EAP-AKA Authentication Standards PAP, CHAP, TLS, GTC, MS-CHAP*, MS-CHAPv2* Authentication Protocols 64-bit and 128-bit WEP, AES-CCMP, CKIP, TKIP Encryption support Optional Gobi™ 3000 Universal 3G/3.5G WWAN with GPS Bluetooth® 2.1+EDR built-in USB module with power ON/OFF switch
Security:	Infineon Single Chip Trusted Platform Module (TPM) Trusted Group Computing (TCG) v1.1B / v1.2 compliant UPEK Biometric Fingerprint Reader, Kensington compatible locking port
I/O Ports:	2x SuperSpeed USB 3.0 ports 10/100/1000 Mbps Full Duplex Ethernet (MAC with System Defense) 3G+GPS Antenna port for attaching an external antenna 3.5mm Stereo Headphone, 3.5mm Stereo Microphone TabletKiosk Modular Expansion System port for added functionality via optional Business Smart™ Accessory modules Docking Connector for optional VESA compliant mounts & dock

Software Specifications

Operating System Options:	Microsoft® Windows® 7 Professional (standard) Microsoft® Windows® 7 Ultimate (optional) Microsoft® Windows® 7 Home Premium (optional) Microsoft® Windows® Embedded (special order) Ubuntu® Linux 11 (optional)
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Applications: Adobe Acrobat Reader X

Accessories

Included:	Two (2) Standard Lithium-Ion Batteriest AC Adapter with Power Cord Set Neoprene Slip Case & TabletKiosk Simple Stand Quick Start Guide & Digital User's Guide On-Disk System Recovery Solution 1 Year Limited Warranty, Parts & Labor
Optional:	Docking Cradle with additional I/O Ports Extended Life Battery (for up to 8 hours of use) Business Smart™ Accessory Modules (Mag Stripe Reader, 2D/1D Barcode Scanner) Slim, low profile USB Keyboard Airplane/Car Charger, Standalone Dual Battery Charger Bump Case, Screen Protectors and more. 2 Year and 3 Year Extended Warranties

Physical Characteristics

Weight:	1.34 kg (2.95 lbs.) with 1 standard battery installed 1.49 kg (3.3 lbs.) with 2 standard batteries installed
Measurements:	300 mm x 220 mm x 24 mm (11.81 in x 8.66 in x .95 in)
LED Indicators:	Power (ON: blue, Standby: blinking) Battery (x2) (Charging: amber, Low: amber blinking) Fully charged with DC connected: green, Fully charged without DC connected: OFF) Hard Drive (Activity: blue blinking) Wireless (WiFi ON: blue, OFF: OFF) Bluetooth® (ON: blue, OFF: OFF)
Control Switches:	System Power/Stand-by, Bluetooth® transmitter, Wireless Networking transmitter
Function Buttons:	(L): SAS, Screen Rotation Lock, 2x User Assignable (R): Touch ON/OFF, Wireless mode toggle, 2x 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)



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