

S10A

10.4" Semi-rugged Tablet PC with Intel® Atom™ Z530XL Processor

Preliminary



Features

- Efficient Intel® Atom™ Z530 1.6 GHz processor
- 10.4" XGA LED panel, WAV transfective-LCD, high brightness 300 cd/m²
- Rich array of I/O ports support a variety of applications
- IP54-certified, 3 ft drop rating from 90 cm, MIL-STD-810F
- Optional GPS / GPRS / barcode scanner / MSR / RFID
- Five function keys
- Hot swap, high capacity Li-ion battery provides 6 hours of operation
- Hand strap and carry bag with short strap
- Lightweight, 1.2 kg

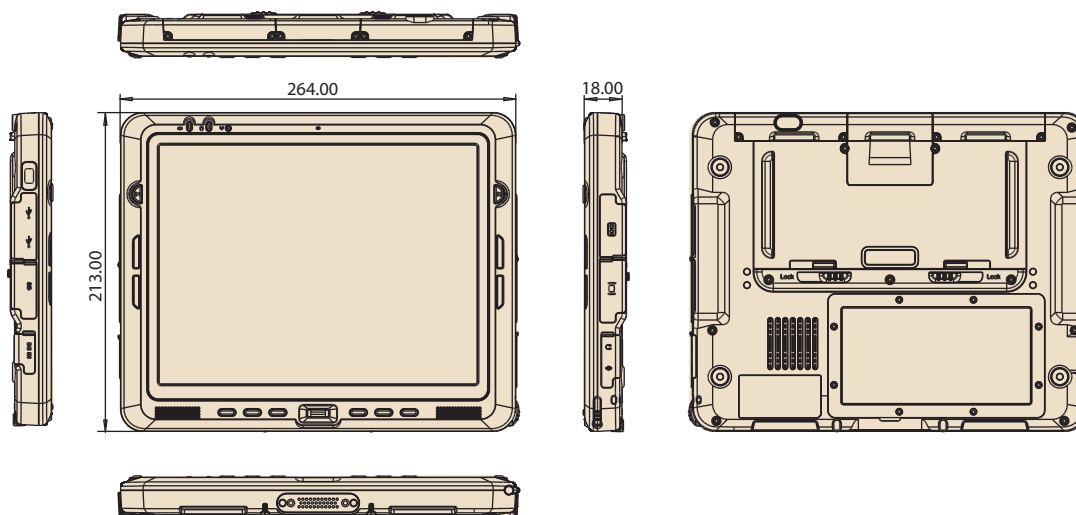
Introduction

The S10A is a semi-rugged mobile tablet PC featuring a 10.4" XGA resolution TFT LCD panel and an Intel Atom Z530XL 1.6 GHz processor. It comes with 802.11 b/g/n WiFi, a 2M pixel camera, fingerprint recognition, and Bluetooth 2.0 built-in. S10A's optional devices include GPS with antenna, a 3G module with antenna, RFID module with antenna, a 1D barcode scanner and an MSR card reader. S10A is a fully functional communication device suitable for any outdoor application. It carries standard military grade MIL-STD-810F and DO-160D certifications, as well as an IP54 rating for protection against dirt, dust and water. S10A can also survive a 3-foot drop. Advantech's S10A is a strong tablet PC for industrial and commercial use in any environment.

Specifications

Processor	CPU	Intel Atom Z530XL 1.6 GHz
	Companion Chipset	US15W XL
Memory		DDRII 1G, Up to 2GB
Storage		CF Card: 4GB/ 8GB/ 16GB/ 32GB SSD: SLC 32G MLC 32G/64G HDD: 160G (Win7)
Audio System		Realtek ACL 262
Display	Size/ Type	10.4" Transfective TFT LCD
	Max. Resolution	XGA 1024 x 768
	Brightness (cd/m²)	300 nits LED back light
Touch Panel		4-wire resistive touch panel / low reflection resistive touch panel (optional)
Application Buttons		5 x function key buttons (F1/F2/F3/S1/S2) 1 x power button 1 x enter key button 1 x software keyboard button 1 x Mode key
I/O Port		1 x RS-232 2 x USB 2.0 ports, 1 x SD card slot (1.0) 2 x 1W internal stereo speakers, 1 x internal mono microphone 1 x PCMCIA Type II slot, supports Cardbus 2.1 1 x VGA DB15 1 x DC-in jack 1 x docking connector 1 x Audio in jack 1 x Audio out Jack SIM card slot (optional with WWLAN)
Communication and Device	Standard	Fingerprint TPM 1.2 CCD camera, 2M pixel 802.11 b/g/n Bluetooth V2.0 + EDR
	Factory Options (optional)	RFID 13.56M (ISO1443A) Barcode 1D (Hardware decode) 2D (Software decode) WWLAN GPRS/3G/3.5G MSR 1+2+3 track GPS Module (with antenna)
Dimensions & Weight		264x 213 x 18 mm, 1.2kg
Power	Battery	Rechargeable Li-ion smart battery, 11.1V @ 1900 mAh (Internal battery) 11.1V @ 3800 mAh (External battery)
	Power Adapter	Universal AC 100V~240V; 50~60Hz input 19V, 3.16A output
Environment	Operating Temperature	0° C ~ +40° C
	Storage Temperature	-20° C ~ +60° C
	Operating Humidity	5%~95%
OS		Windows XP Embedded, Windows XP Pro embedded, Windows 7 Pro embedded
Rugged Certificate		IP54 rating (All), 3 Foot drop polywood, MIL-STD-810F
Certifications		CE, FCC, VCCI, BSMI, C-tick, CCC, DO-160, CB, UL, ROHS, WEEE
Accessories		Carrying Bag+Shoulder Strap Hand Strep+ Shoulder Strap VESA Mount Stand Cradle Car adaptor

Dimensions



I/O

Front View



Left View



Right View



Ordering Information

Part Number	Description
S10A-T2E7C7-2E00	TPC 10.4HYD XGASun Z530 1.6 G 1 G BT WLbgn CF4G XPE-US (CCD)
S10A-Q2E6QA-3E00	TPC 10.4HYD XGA Z530 1.6 G 1G BT B WLbgn SSD32GMLC (PQI)
S10A-Q2E7C7-2E00	TPC 10.4HYD XGA Z530 1.6 G 1 G BT WLbgn CF4G XPE-US (CCD)

Optional Storage and Device Module

Part Number	Description
96AC83-S10A0-012	CF Memory module 4GB 2.0" (industrial)
96AC83-S10A0-015	CF Memory module 8GB 2.0" (industrial)
96AC83-S10A0-013	SSD SLC 32G module
96AC83-S10A0-019	SSD MLC 32G module
96AC83-S10A0-032	WWAN (3.5G) module with built-in antenna
96AC83-S10A0-022	1D Barcode scanner module
96AC83-S10A0-042	Card Reader Module for S10A 1+2+3 track
96AC83-S10A0-034	GPS with built-in antenna
96AC83-S10A0-044	RFID HF 13.56MHz

Accessories

Part Number	Description
S10A-93-S10A4-001	Second battery 3S2P 11.1V 3800mA
S10A-91-S10AC-R01	S10A desktop dock with one slot charger
S10A-93-S10A6-011	Accessory S10A VESA MOUNT M6 with packing
96AC83-S10A0-051	Stand with packing
S10A-93-S10AA-001	S10A Hand Strap & Shoulder strap
S10A-93-S10A1-001	S10A Carry Bag with Shoulder strap