

S10A

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



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

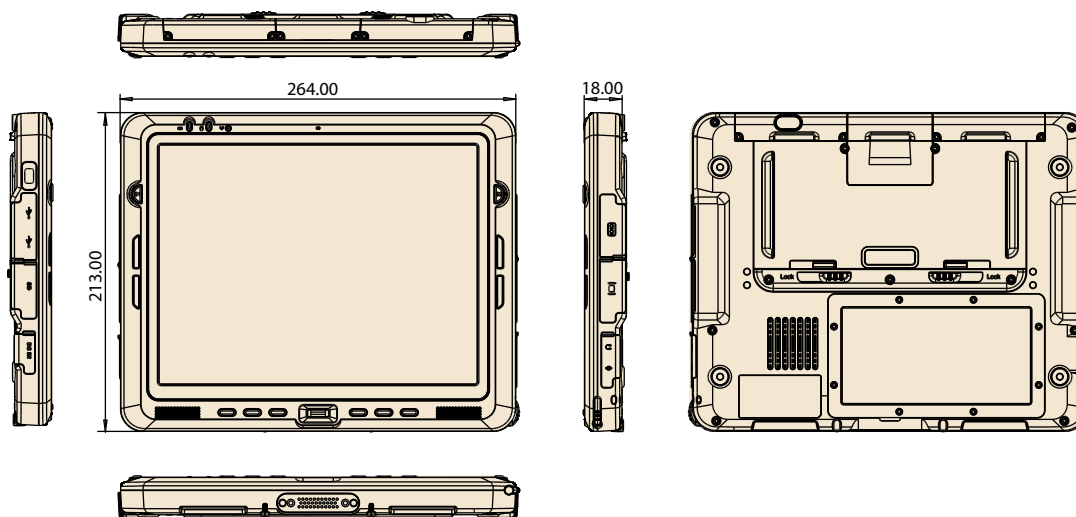
The S10A is a semi-rugged mobile tablet PC featuring a 10.4" XGA resolution TFT LCD panel and an Intel Atom Z530XL 1.6 GHz processor. It comes with 802.11 b/g/n WiFi, a 2M pixel camera, fingerprint recognition, and Bluetooth 2.0 built-in. S10A's optional devices include GPS with antenna, a 3G module 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	
Audio System		Realtek ACL 262	
Display	Size/ Type	10.4" Transflective TFT LCD	
	Max. Resolution	XGA 1024 x 768	
	Brightness (cd/m ²)	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 software keyboard button
		1 x power button	1 x Mode key
		1 x enter key button	
I/O Port		1 x RS-232	1 x VGA DB15
		2 x USB 2.0 ports,	1 x DC-in jack
		1 x SD card slot (1.0)	1 x docking connector
		2 x 1W internal stereo speakers,	1 x Audio in jack
		1 x internal mono microphone	1 x Audio out Jack
		1 x PCMCIA Type II slot, supports Cardbus 2.1	SIM card slot (optional with WWLAN)
Communicatiion and Device	Standard	Fingerprint	802.11 b/g/n
		TPM 1.2	Bluetooth V2.0 + EDR
	Factory Options (optional)	CCD camera, 2M pixel	
		RFID 13.56M (ISO1443A)	WWLAN GPRS/3G/3.5G
		Barcode 1D (Hardware decode)	MSR 1+2+3 track
		2D (Software decode)	GPS Module (with antenna)
Dimensions & Weight		264 x 213 x 18 mm, 1.2 kg	
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 plywood, MIL-STD-810F	
Certifications		CE, FCC, VCCI, BSMI, C-tick, CCC, DO-160, CB, UL, ROHS, WEEE	
Accessries		Carrying Bag+Shoulder Strap	Stand
		Hand Strep+ Shoulder Strap	Cradle
		VESA Mount	Car adaptor

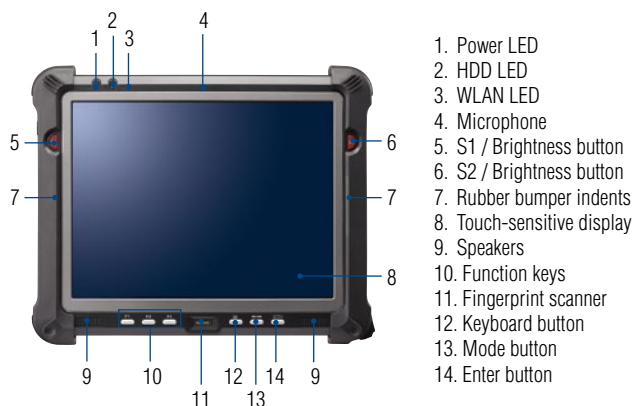
Dimensions

Unit: mm



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 1 G BT B WLbgn SSD32GMLC
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 4 GB 2.0" (industrial)
96AC83-S10A0-015	CF Memory module 8 GB 2.0" (industrial)
96AC83-S10A0-013	SSD SLC 32 G module
96AC83-S10A0-019	SSD MLC 32 G module
96AC83-S10A0-032	WWAN (3.5 G) 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 13.56 MHz

Accessories

Part Number	Description
S10A-93-S10A4-001	Second battery 3S2P 11.1 V 3800 mA
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