

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 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

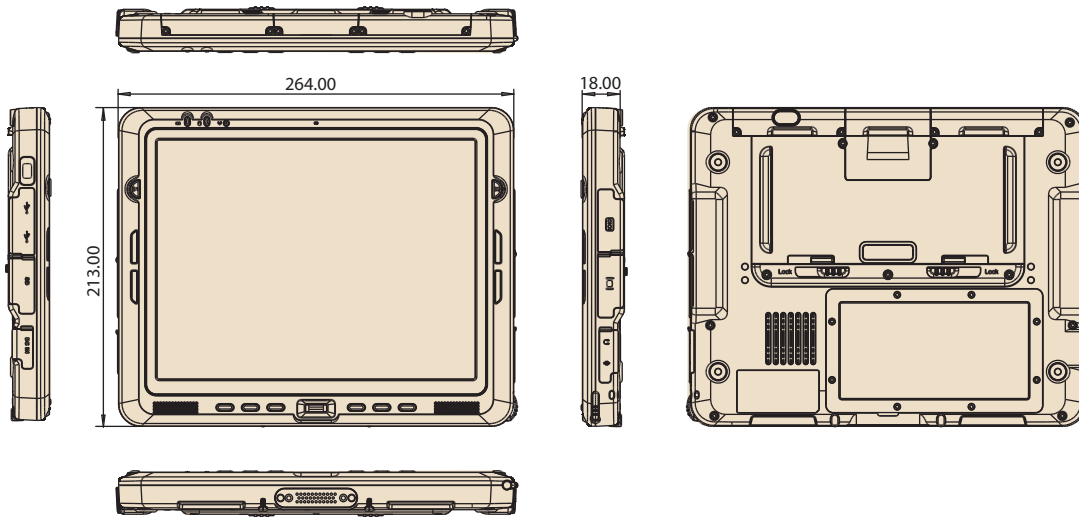
The S10A is a semi-rugged mobile tablet PC featuring a 10.4" XGA resolution TFT LCD panel and an Intel Atom Z530XL 1.6 GHz processor. It comes with 802.11 b/g/n WiFi, a 2M pixel camera, fingerprint recognition, and Bluetooth 2.0 built-in. S10A's optional devices include RFID module with antenna, a 1D 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" Transfective 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 internal mono microphone	1 x Audio in jack 1 x Audio out Jack
		1 x PCMCIA Type II slot, supports Cardbus 2.1	
Communication and Device	Standard	Fingerprint CCD camera, 2M pixel	802.11 b/g/n Bluetooth V2.0 + EDR
	Factory Options (optional)	RFID 13.56M (ISO1443A & ISO15963)	
		Barcode 1D (Hardware decode)	
		MSR 1+2+3 track	
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, Window 7 Embedded, Window 7 Pro	
Rugged Certification		IP54 rating (All), 3 Foot drop polywood, MIL-STD-810F	
Certifications		CE, FCC, C-tick, CCC, DO-160, CB, UL, ROHS, WEEE, UL2054, UN38.3, TELET	
Accessories		Carrying Bag+Shoulder Strap	Stand
		Hand Strap+ Shoulder Strap	Cradle
		VESA Mount-M4 & M6	Car adaptor

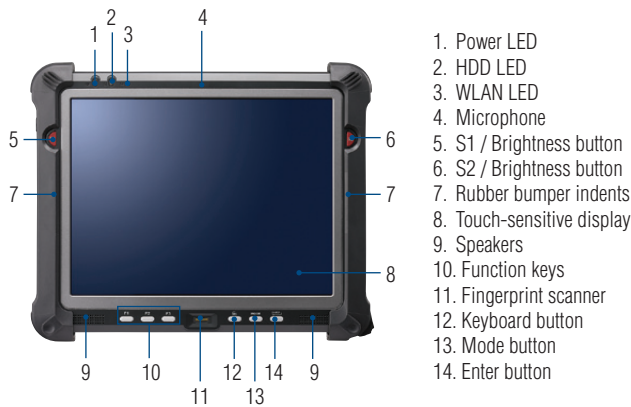
Dimensions

Unit: mm



I/O

Front View



1. Power LED
2. HDD LED
3. WLAN LED
4. Microphone
5. S1 / Brightness button
6. S2 / Brightness button
7. Rubber bumper indents
8. Touch-sensitive display
9. Speakers
10. Function keys
11. Fingerprint scanner
12. Keyboard button
13. Mode button
14. Enter button

Left View



1. Power Button
2. USB Ports (2)
3. SD Card Slots
4. DC-in Jack

Right View



1. Microphone Jack
2. Headphone Jack
3. VGA Port
4. Serial Port

Ordering Information

Part Number	Description
S10A-T2E7C0-0000	104HYSX Z53 1.6 2 T WGN C FP
S10A-Q2E7C0-0000	104HYX Z53 1.6 1 T WGN C FP
S10A-Q2G7C0-0000	104HYX Z53 1.6 2T WGN C FP
S10A-T2G7C0-0000	104HYSX Z53 1.6 1T WGN C FP

Optional Storage an Module

Number	Description
S10A-93-S10A2-003	Accessory S10A SSD MLC 32G (PQI)
S10A-93-S10A2-004	Accessory S10A SSD MLC 64G with packing
S10A-93-S10A2-005	Accessory CF 16G with Packing
S10A-93-S10A2-006	Accessory CF 4G with Packing
S10A-93-S10A2-007	Accessory CF 8G with packing
S10A-93-S10A2-008	Accessory CF 32G with packing
S10A-93-S10A2-009	Accessory SSD SLC 32G with packing

Optional OS

Number	Description
20AC65-S10AL-026	XPE Image S10A English SP3 2.0.1024.117.ENG (English)
20AC65-S10AQ-001	S10A Win7 ProE English OS Image 6.1.7600.100.ENG (English)
2070011029	IMG WEST7E SP1 x32 S10A V5.1 ENG ATIP (English)

Optional Device Module

Number	Description
S10A-93-S10A2-010	Accessory S10A Standard CCD with packing
S10A-93-S10A2-011	Accessory S10A CCD+BarCode with packing
S10A-93-S10A2-012	Accessory S10A MSR with packing
S10A-93-S10A2-014	Accessory S10A RFID HF-RELEX with packing
S10A-93-S10A2-015	Accessory S10A BarCode W/o CCD with packing

Accessories

Number	Description
S10A-91-S10AC-R01	Accessory S10A Cradle
S10A-93-S10A1-001	Accessory S10A Carrying bag
S10A-93-S10A4-001	Accessory S10A 2nd Battery
S10A-93-S10A6-001	Accessory S10A STAND with packing
S10A-93-S10A6-011	Accessory S10A VESA MOUNT M6 with packing
S10A-93-S10A6-021	Accessory S10A VESA MOUNT M4 with packing
S10A-93-S10AA-002	Accessory S10A Handstrap with packing Ver 2.0