



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PWS-770

10.4" Rugged Tablet with Intel® Atom™ N2600



Features

- 10.4" XGA LED panel, WAV transfective-LCD, high brightness 300 cd/m²
- Hot swap, high capacity Li-ion battery provides 8 hours of operation⁽¹⁾
- Rich array of I/O ports supports a variety of applications
- IP54-certified, 4ft drop proof
- Complete communication: Wi-Fi/Bluetooth/GPS/WWAN (3.75G)
- Optional data capture modules: 1D/ 2D barcode scanner / MSR / RFID
- Lightweight, 1.2 kg



Introduction

The PWS-770 is a rugged mobile tablet featuring a 10.4" XGA resolution TFT LCD panel and an Intel® Atom™ N2600 1.6 GHz processor. It comes with 802.11 b/g/n WiFi, Bluetooth 4.0, a 2M pixel camera. It also has built-in optional GPS and WWAN 3.75G antenna. PWS-770 optional devices include an RFID module with antenna, a 1D/2D barcode scanner and an MSR card reader. PWS-770 is a fully functional communication device suitable for any outdoor application. It carries an IP54 rating for protection against dirt, dust and water. PWS-770 can also survive a 4-foot drop. Advantech's PWS-770 is a strong tablet PC for industrial and commercial use in any environment.

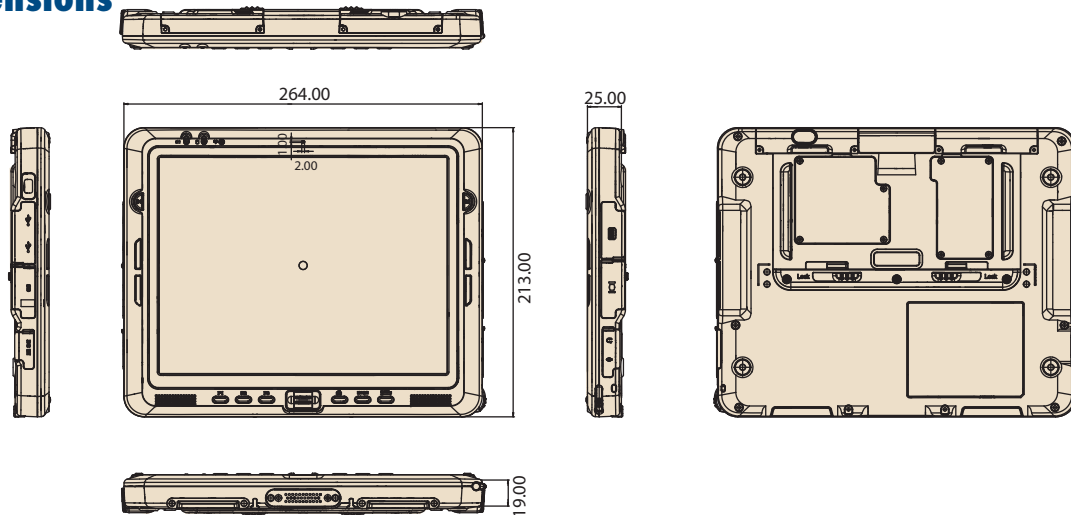
Specifications

Motherboard	CPU	Intel Atom N2600/1.6 GHz	
	Chipsets	Intel NM10	
	Memory	SODIMM DDRIII to 2 GB	
	Storage	Supports mSATA SSD 32 GB ~ 128 GB	
Display & Touchscreen	Display	10.4" XGA (1024 x 768) (Transflective) LCD 300 cd/m ² LED back light	
	Touch Panel	4-wire resistive touch panel	
System	Wireless Communication	802.11b/g/n WLAN (default); 802.11 a/b/g/n (optional) Bluetooth 4.0 class2 GPS (u-blox 6; 50-channel; supports GALILEO); WWAN (Cinterion PH8)	
	Camera	CMOS 2.0M pixel Camera module	
	Security	1. Password security 2. TPM 1.2 (Optional)	
	Application Buttons	Power button x 1 Function keys x 3 (F1-F3) Tablet PC keyboard x 1 Mode key x 1	Enter key x 1 Activate key x 2 (S1 & S2): Activate barcode reader, camera & dimming adjustment required to control the brightness
	LED Status Indicator	Power LED (Green/Yellow) x1 Storage LED (Green) x1	WLAN LED (Green) x1
	I/O Interfaces	USB 2.0 x 2 Serial port RS-232 x 1 VGA port x 1 Audio in jack x 1 Audio out jack x 1	Internal mono microphone x 1 DC-in x 1 Docking port (32-pin; USB/PCIE/DC) SIM slot (with WWAN option)
	Audio Output	1 Watt speaker x 2	
	Expansion Port	SD memory card x 1 (SD 2.0/SDHC)	
	Battery	Internal battery: 3S1P 11.1V 1880mAh Hot-Swap External Battery: 11.1V 3760/5000mAh (Optional)	
	DC Input	19V 1± 5%	
OS Support	Windows 7 Professional /Embedded		
Optional Devices	Data Collection	CMOS 2.0M pixel Camera module (default); 5.0M pixel Camera (optional) 1D/2D Barcode MSR; HF RFID	
Environmental Specifications	Temperature & Humidity	Operating Temperature: -20° C (*2) ~ 50° C (Charge: 0° C ~ 40° C for the battery protection) Storage Temperature -30° C ~ 60° C Operating Humidity 5% ~ 95% @ 40° C	
	IP Rating	IP54	
	Drop	4-foot drop onto Plywood, MIL-STD-810G 516.5 Procedure VI	
	Vibration	MIL-STD-810G, EN50155 certified	

- (1) - Internal battery + external 2nd battery 5000mAh in Battery Mark with maximum peripherals connected (Wi-Fi & BT enabled) the battery life up to 7.5hrs
 - Internal battery + external 2nd battery 5000mAh idle with minimum peripherals connected in OS (Wi-Fi & BT disabled) the battery life up to 8.5 hrs
 (2) Battery life and charge cycles vary by use and settings.

Dimensions

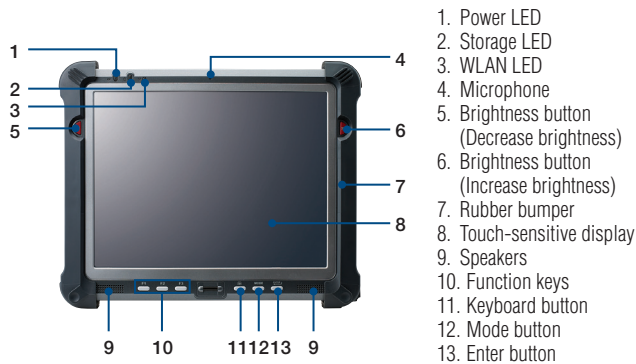
Unit: mm



Specifications Cont.

Certifications	EMC	CE/FCC/CCC/BSMI/C-Tick/PTCRB
	Safety	UL/CE/CB/CCC
Dimensions & Weight	Dimensions	264 (L) x 213 (W) x 18 (H) mm
	Weight	Under 1.2 kg without rubber bumper & optional devices

I/O Connectors



Ordering Information

Standard Configuration

Part Number	Description
PWS-770-N3A0EC001E	10.4 Normal N2600 RAM2G SSD32 WL BT Win7 EM
PWS-770-N3AWEC001E	10.4 Normal N2600 RAM2G SSD32 WL BT GPS 3G Win7 EM
PWS-770-S3A0PC001E	10.4 Sunlight N2600 RAM2G SSD32 WL BT Win7 PRO
PWS-770-S3AWPC001E	10.4 Sunlight N2600 RAM2G SSD32 WL BT GPS 3G Win7 PRO

Note: The package are included PWS-770 table and Power adapter (not include power cord)

Barebones (CTOS only)

Part Number	Description
PWS-770-N0A00C001E	PWS-770 Barebone, Normal 10.4"/WL/BT
PWS-770-N0AW0C001E	PWS-770 Barebone,Normal/WL/BT/GPS/3G
PWS-770-S0A00C001E	PWS-770 Barebone, Sunlight/WL/BT
PWS-770-S0AW0C001E	PWS-770 Barebone,Sunlight/WL/BT/GPS/3G

Accessories

Part Number	Description
S10A-93-S10A6-011	VESA mount (M6)
S10A-93-S10A6-021	VESA mount (M4)
S10A-93-S10A1-001	Carrying bag
S10A-93-S10AA-002	Handstrap
S10A-93-S10A6-001	Stand
1757002943	Adapter 100-240V 65W 19V 3.42A
PWS-770-CADAP00E	PWS-770 Car adapter ADP90DCA-M12 to Cigar Lighter (1200mm)
PWS-770-BAT100E	PWS-770 2nd Battery (3760mAh)
PWS-770-BAT200E	PWS-770 2nd Battery (5000mAh)
PWS-770-CRADLE00E	PWS-770 Desk Cradle
PWS-770-VCRADLE00E	PWS-770 Vehicle Docking Station; with LAN Cable M12(M) cable 8P/RJ45(F) (50mm)