

# PWS-8101M

10.4" SVGA TFT LCD Intel® Core™2 Duo  
Ultra Rugged Mobile Computer with Wi-Fi

NEW



FC CE

## Features

- Intel® Core™2 Duo U7500 processor
- 10.4" SVGA TFT LCD transfective technology
- IP65 rating guarantees total protection against dirt, dust and water
- Certified by MIL-STD-810F and MIL-STD-461E
- Front panel key-pad buttons with numbers provides user friendly features
- High capacity Li-ion battery provides 4-hrs continuous operation
- Outdoor communication applications with 802.11a/b/g, Bluetooth
- Supports Windows® XP/Vista and WinXPe
- Handheld, vehicle, VESA, desktop mounting solution provided

## Introduction

The PWS-8101M is an ultra rugged mobile computer featuring a transfective 10.4" SVGA ATFT LCD, Intel Core 2 Duo U7500 processor Wi-Fi, and built-in Bluetooth. PWS-8101M provides full-function communication for any outdoor application. Certified by military grade MIL-STD-810F and MIL-STD-461E standards, PWS-8101M is constructed with a 6-side rating for dust and water resistance. Driven by a high capacity battery, PWS-8101M can provide hours of use while meeting rugged demands, such as 3 foot drop, and an extreme operating temperature range. With world leading Intel Core 2 Duo processor technology, PWS-8101M is a strong device for reliable mobile communications in any environment.

## Specifications

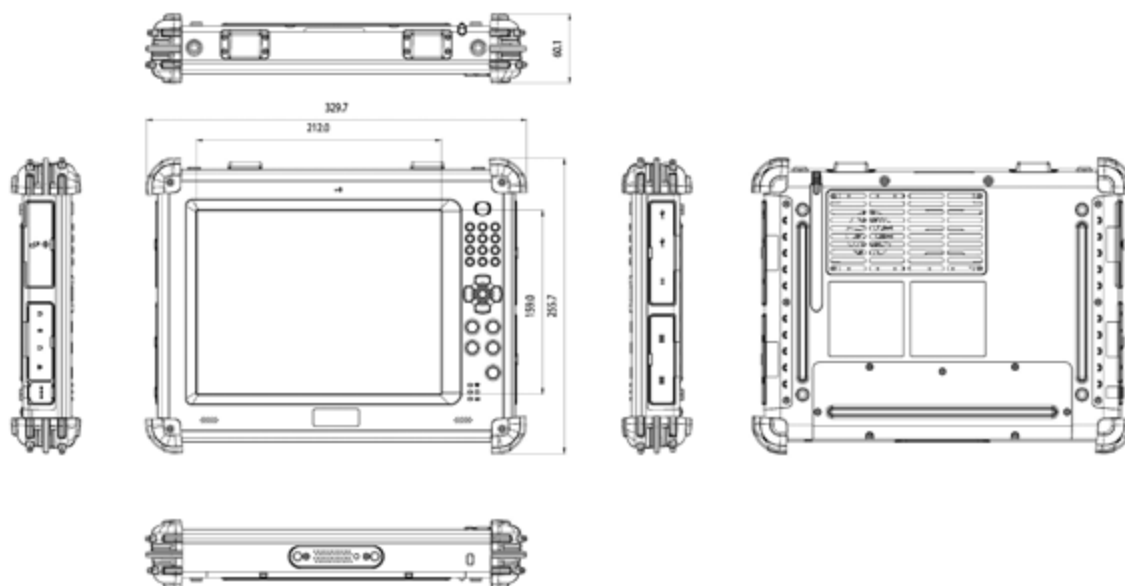
General	BIOS	Award 4 MB
	Certifications	CE, FCC
	Cooling System	Waterproof Fan
	Dimensions (W x H x D)	310 x 236 x 42 mm (12.2" x 9.29" x 1.65")
	Enclosure	Front: ABS; Back Housing: Al-Mg; Battery: Li-ion battery, 11.1 V, 5200 mAh; AC power Adapter: Universal AC 100 ~ 240 V, 50 ~ 60 Hz input; 19 V, 3.16 A output; Stylus: POM
	Mounting	Handheld, Vehicle, VESA, Desktop
	OS Support	Windows XP/Vista and Win XPe (XP Pro Eng Default)
	Power Consumption	34 W
	Power Input	18 ~ 20 V <sub>DC</sub>
System Hardware	Weight (Net)	2.9 kg (6.54 lb)
	CPU	Intel Core 2 Duo U7500
	Chipset	Intel 965GME
	Memory	1 GB DDRII SDRAM (Up to 2 GB)
	LAN	1 x 10/100/1000 Mbps, 1 x 56 Kbps fax modem
	Expansion	1 x CF type II slot, 1 x PCMCIA type II slot, supports CardBus 2.1
	Storage	1 x 2.5" 80 GB SATA HDD
	I/Os	2 x RS-232, 2 x USB 2.0, 1 x VGA Port, 1 x Mic-in, Line-out
	Wireless	802.11 a/b/g
LCD Display	Bluetooth	V2.0
	GPRS	3.5G/HSDPA (Option)
	GPS	SiRF III (Option)
	Display Type	SVGA TFT LCD
	Display Size	10.4"
	Max. Resolution	800 x 600
	Max. Colors	260K
Touch Panel	Luminance (cd/m <sup>2</sup> )	400
	Viewing Angle (H/V°)	140/110
	Backlight Life	50,000 hrs
	Contrast Ratio	500:1
	Lifespan	1 million touches at single point
	Light transmission	Above 75%
	Resolution	Linearity
Environment	Type	4-wire, analog resistive
	Humidity	5%-95% non-condensing
	Ingress Protection	6-side IP65
	Operating Temperature	-20 ~ 60° C (-4 ~ 140° F)
	Storage Temperature	-40 ~ 70° C (-40 ~ 158° F)
	Vibration Protection	1.29 Grms (operating, random vibration)

## Ordering Information

Part No.	Description
PWS-8101M-D1AE	10.4" Ultra Rugged Mobile PC, Core 2 Duo, WLAN

## Dimensions

Unit: mm



## Accessories



Hand Strap & Shoulder Bag



Vehicle Mounting Enclosure



VESA Bracket



Battery Pack



Car Adapter, Hand Strap & Shoulder Bag

## Top View



## Side Views

