

PWS-982

13.3" Fully Rugged Notebook with Intel® 3rd Generation i-Core™ i7 Processor



Features

- Intel 3rd Generation i-Core i7-3555LE processor
- IP65 certified against dust and water intrusion
- MIL-STD-461F compliant for electromagnetic emission and susceptibility
- MIL-STD-810G certified
- Withstands the punishing 48-inch drop military specification
- ANSI/ISA 12.12.10-2000, Class 1, Division 2 compliant for safe use in potentially explosive environments
- IP65, 4 feet drop, Wide temp design

Introduction

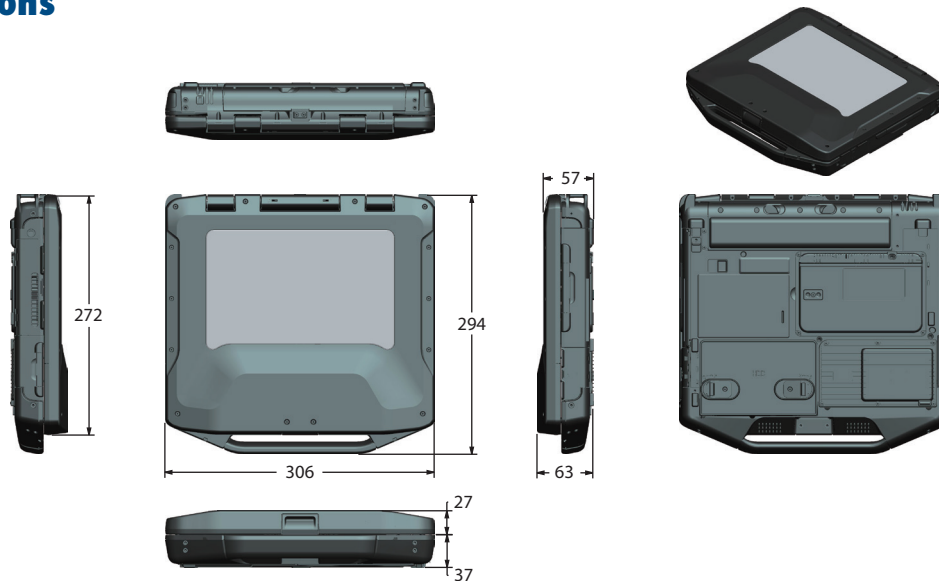
Small and lightweight in design, the high performance PWS-982 fully-rugged notebook provides the reliability, power, connectivity and security required to withstand extreme environments. PWS-982 is certified to meet MIL-STD-810G, MIL-STD-461F and IP65 specifications. It is equipped with a 13.3" LCD featuring the new sunlight-viewable DynaVue II touchscreen display technology. With a 3rd generation Intel® Core™ i7 processor, PWS-982 delivers powerful performance and keeps you connected with 802.11a/b/g/n, Bluetooth and state-of-the-art GPS tracking technology.

Specifications

Processor	CPU	Intel 3rd Generation i-Core i7-3555LE 2.5 GHz	
	Companion Chipset	Intel® QM77 Core Logic Intel GT2-4000/3000	
Memory		4 GB SODIMM (DDR3L/1600MHz), up to 8 GB	
Storage		2.5" 500 GB HDD with heater 7200 rpm	
Audio System		Realtek ALC 273	
Display	Size/ Type	13.3" TFT LCD with sunlight-viewable technology	
	Max. Resolution	XGA 1024 x 768	
	Brightness (cd/m ²)	600 cd/m ² LED back light	
Touch Panel		4-wire Resistive touch panel	
Application Buttons		1 x power button 1 x radio switch 1 x application launch key 1 x touchpad 2 x touchpad buttons 1 x keyboard	
Security		1 x Fingerprint Scanner	1 x Smart Card reader
I/O Ports		1 x USB 3.0	1 x microphone (mini-jack)
		3 x USB 2.0	1 x DC-in jack
		1 x VGA (15-pin)	1 x docking port
		1 x serial (9-pin)	2 x RF pass through connectors for Ext. antenna of WWAN and GPS
		1 x 10/100/1000 Ethernet (RJ-45)	1 x Smart card slot
		1 x headphones/speaker (mini-jack)	
Communication and Device	Standard	802.11 a/b/g/n WLAN module Bluetooth 4.0 GPS	
	Factory Options (optional)	4G LTE (optional)	
Dimensions		306(W) x 294(D) x 63(H) mm	
Power	Battery	Standard Li-Ion 9-cell (3S3P, 7800mAh, 11.1V, 79WH)	
	Power Adapter	AC adapter (input:100V-240V,50Hz-60Hz, 90W; output: 19V)	
Environment	Operating Temperature	-22 ~ 140° F (-30 ~ 60° C)	
	Storage Temperature	-60 ~ 160° F (-51 ~ 71° C)	
	Operating Humidity	5% ~ 95%	
OS		Windows 7 Pro	

Dimensions

Unit: mm



Specifications Cont.

Rugged Certificate

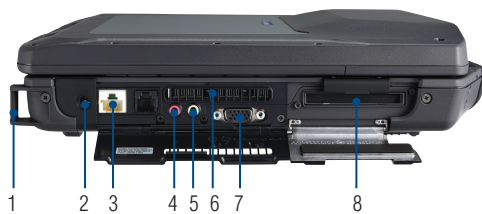
IP65 rating
48-inch drop military specification
MIL-STD-461F

Certifications

MIL-STD-810G (48" drop, shock, vibration, blowing rain, sand and dust, water pressure, drip exposure, altitude, freeze/thaw, high/low temperature, temperature shock, humidity, explosive atmosphere, salt fog)
FCC, CE, CUS, CB, CE!

IO Appearance

Ordering Information



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|----------------------------|--|
| 1. Back Handle Mount | 6. Cooling Fan Exhaust |
| 2. DC-in Jack | 7. External Monitor Port |
| 3. Network Jack (RJ45/LAN) | 8. Smart Card Reader or Express Card Slot Option |
| 4. Microphone Jack | |
| 5. Audio Out Jack | |

Part Number	Description
PWS-982-E20E	13.3" NB, 4G RAM, 500G HD, WLAN/BT/GPS
PWS-982-E30E	13.3" NB, 4G RAM, 500G HD, WLAN/BT/GPS/LTE NA



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|-----------------------|-----------------------|
| 9. One USB 3.0 Port | 12. Media Bay Combo |
| 10. Two USB 2.0 Ports | 13. Back Handle Mount |
| 11. Serial Port | |