

**Industrial  
Computing**

# Guardian™ Rugged Tablet PC Model 810



## 8" Intel® Atom™ Z530P Rugged Tablet PC

### Features:

- 8" TFT Active Matrix Outdoor-readable Touch Panel
- Ultra Low Power Consumption
- Fully Rugged Mobile POS for Warehousing/Vehicle Computer Application
- Meets MIL-STD-810F, Whole Machine IP54 Grade, Drop Resistant from height of 4ft
- High Mobility, Multi-network Connectivity (Bluetooth/WLAN/HSUPA/3.75G/GPS)
- Multi-identification Devices (Barcode, RFID, MSR)
- Hot-swappable Dual-batteries, Providing Battery Life up to 8 Hours

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# Guardian™ Rugged Tablet PC

## Model 810

### SPECIFICATIONS

Item:	Rugged Tablet PC, Model 810	
System:	CPU Graphics Controller Memory Chipset BIOS Audio Storage	Intel® Atom™ Z530P 1.6GHz CPU with FSB 533MHz GMA 500 Integrated 2GB DDR2-667 SDRAM Intel® System Controller Hub US15WPT AMI BIOS Azalia HD DT Audio 1 x 32GB 1.8" SSD
Peripherals and Devices:	Serial Port USB Port Camera RFID  Ethernet Wi-Fi Bluetooth GSM/UMTS Barcode Scanner MSR Expansion SIM Socket	1 x RS-232 Serial Port 2 x USB 2.0 ports 1 x 2.0 megapixels CMOS camera Integrated ISO 15693/14443A/14443B RFID Reader (distance: 3~5cm; speed: 5 cards/sec) 1 x Realtek Gigabit Ethernet controller Integrated WLAN 802.11 b/g/n Integrated Bluetooth 2.1 + EDR Up to HSUPA (3.75G) 1 x 1D/2D Barcode Scanner 1 x Magnetic Stripe Reader module (optional) 1 x 35-pin pogo connector for connection with vehicle cradle 1 x SIM socket (located underneath the battery pack)
Button & Indicator:	Function Keys  Power Button	6 x Function keys 2 x Menu buttons on the front 2 x Barcode Scanner trigger button on the sides 1 x Power on/off button on the right side
LCD Display:	Size/Type Max. Resolution Luminance Contrast Ratio Backlight Type	8" active matrix TFT 1024 x 768 (SVGA) w/ 16.2M colors 600 cd/m <sup>2</sup> (typ.) 700 : 1 LED
Touch Screen:	Type Light Transparency Controller Interface	Analog Resistive 73% (typ.) USB Interface
Power Supply:	Adapter Input Adapter Output Battery Type Battery Capacity Battery Operating Time	100 ~ 240VAC (Full Range) 19VDC, 3.42A, 65W Li-battery pack 2 x 2600mAH 3-cell 8 hours
Mechanical & Environmental:	Operating Temperature Storage Humidity Dimensions (W x D x H) Gross Weight Vibration Shock Transit Drop IP Rating Regulatory	0 ~ 45°C (32 ~ 113°F) 5 to 95% (non-condensing) 240 x 47 x 188 mm (9.45" x 1.85" x 7.4") 1.85 kg (4.1 lb) 3 Grms/ 5 ~ 500Hz/ random operation 40G peak acceleration (11 ms duration) 122cm (4 feet) drop to wood IP54 compliant CE/FCC Class B compliant

Due to our constant effort to improve products, Industrial Computing Inc. reserves the right to change or modify features and specifications without notice.



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