



PT-90

A superior industrial-class mobile computer for rugged field mobility applications.



The Airox PT-90 Series Your Mobile Partner in the Field

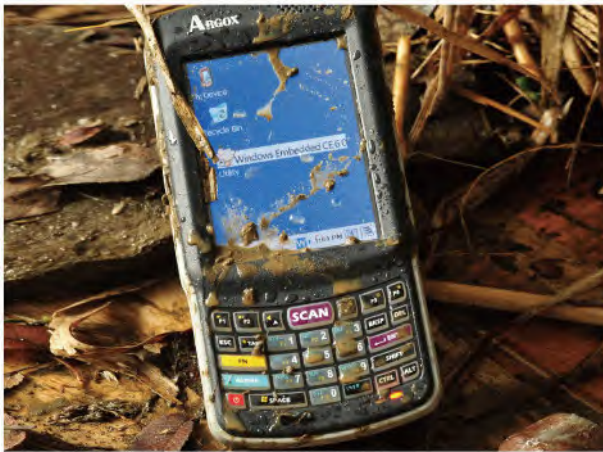
A mobile computer needs to deliver more than specifications, options and features. You need a rugged device that can partner with your workforce to increase their effectiveness and efficiency. Their productivity affects the direction of your sales, customer satisfaction, and overall costs. The PT-90 series mobile computer offers superior reliability, ROI, and TCO and works seamlessly with your field workforce to deliver enhanced productivity, which is what you really need to drive your business.

The Airox PT-90 mobile computer is a winner of the 2011 Taiwan Excellence Award, and proudly displays the Taiwan Symbol of Excellence, which represents the most innovative and highest quality products made in Taiwan.

A rugged mobile computer system: Bringing you advanced design, rich features, user comfort, and superior performance

The new PT-90 series is a milestone for the Airox line of mobile computers, combining contemporary system architecture, superior performance and outstanding reliability. Airox has invested great effort and resources to understanding your business, the daily needs of your workforce, and ways to improve the efficiency and effectiveness of your mobile tasks. Leveraging the success of our PT-60 series, Airox has integrated application solutions, hardware system flexibility, and human factor considerations to develop the PT-90. Delivering more processing power and intelligent features, the PT-90 series remains light and comfortable in the user's hand. The PT-90 tightly links your field workforce with your head office. Optional accessories make the new PT-90 series the perfect partner for your workers in the field, no matter if they're in a moving vehicle or working from a bench.





Rugged

A robust and rugged companion

Aimed at harsh and demanding application environments, the PT-90 series is designed to handle the drops and bumps that often occur during mobile applications. For tasks in the rain or in dusty fields, the PT-90 series' IP67 sealing provides the consistent quality and performance needed to complete your workers' tasks. Sealed to survive immersion in water, the PT-90 series offers peace of mind as it secures your work data even if it's dropped in water.



Versatile

Mobile data collection applications require versatility. The keypad's ease-of-use is a critical factor that affects the efficiency of mobile data collection. Proper key counts, key pitches, and key sizes are closely linked with key placement for maximum simplicity and accuracy. The PT-90 series offers two types of keypad, 44-key and 29-key, for different application demands.



Convertible

The PT-90 series easily converts from retail to warehouse applications. Simply install the optional pistol-grip onto the standard PT-90 series using a Philips screwdriver. Inside the pistol-grip there is a large capacity 4,400mAh Li-ion battery pack for extended work hours and busy shifts.



Green-Power

To eliminate excess power consumption and meet global energy-saving and environmental concerns, the PT-90 series' design team has developed an efficient power management design. The PT-90 enters suspend mode automatically if left unused for a period of time without keypad activity or cradle insertions. This extends the working hours of the main battery and longer battery life lowers environmental impact. The PT-90 series is built with all RoHS- and REACH- compliant materials and parts. The PT-90 series works with you to protect our environment and planet.



Capture

In the mobile data collection field, there are various types of data to be captured: 1-D barcodes, 2-D barcodes, images, and RFID tags. To meet the requirements of different applications, the PT-90 series implements various data entry modules. Offering outstanding sensitivity and accuracy, the data collection performance of the PT-90 series is your key to improving the efficiency of your workers in the field.



Fits

The PT-90 series offers a line of accessories to fit the needs of your field workforce. For battery charging, Argox offers a cradle charger, a vehicle charger, and a charging cable. To protect the PT-90 series from accidental drops, a holster with shoulder strap eases the strain of holding the PT-90 for extended periods of time. For managing multiple units of the PT-90 series, a 4-slot battery charger is available for charging convenience. The optional pistol-grip is designed for installation in the field and for adding battery capacity and providing convenience for scanning intensive tasks.



Perform

Using the powerful Marvell PXA310@ 806MHz CPU, the PT-90 series runs the Windows CE.NET 6.X operating system with outstanding power economy. The PT-90 series has 256MB ROM and 256 MB RAM memory for taking on a wide range of applications. With Bluetooth and WLAN communication the PT-90 series puts contacting other devices and long range connections at your fingertips. Location based applications are possible via an optional GPS feature and image capture uses an embedded 5M Pixel camera module with high resolution and quality. To meet the demand for 2-D barcode used in various large-scale government applications, the PT-90 series comes with a high performance 2-D imager which outperforms many competitive readers. Providing fast file transfer for logistics and transportation applications, a high performance GPRS/Telnet module is another robust feature of the PT-90 series.

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General Specifications

Model	PT-90 Mobile Computer
System	
CPU	MARVELL CPU PXA310 806 MHz
Operating System	Microsoft Windows CE .NET 6.0 Professional
Memory	256 MB RAM, 256 MB ROM
Extension	Micro SD card
Display	Low Power Transflective TFT 24bits color LCD, 240 x 320 with touch panel
Keypad	29 keys or 44 keys with backlight
Data capture	
Scanner System	Laser scan engine / Area imager
Symbologies	Supported all popular linear barcodes included GS1 databar, Code 39, Code 93, Codabar, Code 128, UPC A, UPC E, Interleaved 2/5, Matrix 2/5, MSI/Plessey, UK/Plessey, Telepen, UPCA, UPCE, Code 11, EAN-8, EAN-13, Industrial 2/5 2D Matrix symbologies included Data Matrix , Maxicode, QR code OCR- fonts included OCR-A and OCR-B RFID HF: ISO 15693R/W, ISO 14443A/B
Camera	5-M pixel
Communcation	
Wireless Radio Options	WPAN :Bluetooth Class 2, version 2.0 WLAN: 802.11b/g Wi-Fi WWAN: GPRS / EDGE GPS: SiRF star III
Interface	USB 2.0 client and RS-232
Software	
Programming Tools	Embedded Visual C++ 4.0, Visual Studio. NET, Visual Studio 2005, Windows CE SDK Scanner Configuration Utility
Third Party	CETerm
Physical and Environmental	
Dimensions	159 mm (L) * 80.8mm (W) * 36mm (H)
Weight	Approx. 380 g (battery included)
Audio	Speaker and Microphone
Battery	Rechargeable Li-polymer Battery 3900mAH, 3.7Vdc
Operation Temperature	-10~50°C
Storage Temperature	-20~70°C
Battery Charging Temperature	0~40°C
Humidity	Max 80% RH at ≤ 30°C
Drop Specifications	1.8 meters to concrete (Handset), 0.9 meters to concrete (Cradle)
Electrostatic Discharge	±15kV air discharge, ±8kV direct discharge
Sealing Rate	IP65 completely sealed against dust and water
Peripherals and Accessories	
Communication and Charging Cables	ActiveSync Serial / USB cable with charging
Battery Charger	Device cradle with single slot battery compartment, Four-slot charger
Other	Pistol Grip, Carry case, Vehicle dock

* The specifications/functions in gray are coming soon in near future.

Specifications subject to change without notice

