

PT-60 Mobile Computer

ARGOX
Empower the Barcode



The PT-60 Mobile Computer is a powerful wireless handheld computing device based on the Windows CE® operating system. The ergonomic, compact and durable PT-60 features a bright 2.4-inch TFT 320 x 240 QVGA display with touch screen, a high performance barcode scan engine, wireless communication support including Bluetooth and high speed wireless LAN 802.11b/g, and external USB and RS-232 interfaces. Memory capability includes 128MB DRAM, 128 MB Nand Flash, and one standard SD card slot for expanded memory space demands.

Lightweight at only 250g, the ergonomic PT-60 has an optional pistol grip for ease of scanning. Shockproof, dustproof, and waterproof in compliance with IP54 standards the PT-60 is built for rough environments. For generic applications, the PT-60 comes with a standard, comprehensive software developer kit (SDK) that supports a variety of I/O driver APIs. Accessories include a charging and communication cradle, a pistol grip, charging and communication cable and a four slot battery charger. The PT-60 is suitable for a wide variety of applications including retail, distribution, warehouse, and logistics.

Key Features

- Microsoft Windows CE 5.0
- Sharp and bright color TFT QVGA display with touch screen
- Ergonomic, compact, robust and lightweight
- Bluetooth, 802.11b/g technology
- 1.2 m (4 ft) drop resistance
- IP54 protection class
- User-accessible memory slot
- Quick attach handle
- Extremely long operation hours

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Specifications



Wireless Communication			
WPAN	-	Bluetooth Class2, version 1.2	-
WLAN	-	-	Wi-Fi 802.11b/g
External I/O interface			
	USB / RS-232(4 Wires)		
Expansion slot			
	Standard SD		
General Characteristics			
OS	WinCE 5.0		
CPU	ARM9 Core 266MHz		
RAM	128MB Mobile DDRAM		
ROM	128MB Nand Flash		
Display	2.4" LCD TFT Transmissive, 320 x 240 QVGA 65K colors with Touch panel		
LED	Blue, Green and Red		
Keypad	29 Numeric		
Alert	Speaker, Vibrator		
Dimensions	169.0mm (L) x 70.1mm (W) x 34.0mm (H)		
Weight	250g (including battery)		
Power			
Battery	1) Mobile Computer: Rechargeable 3.7V 1950mAh Li-Polymer Battery 2) Optional Pistol Grip: Rechargeable 3.7V 4400mAh Li-ion Battery		
Power	Power supply: DC 5V 3A AC Power 100-240V 0.5A, 50-60Hz, 33-48VA		
Scanner			
Scanner system	Long Range CCD scanner 2048 pixels		
Resolution	0.127mm (5mil) at PCS 90%		
Depth of field	600mm (code 39, 20mils, PCS 90%)		
Scanning rate	400 scans /sec		
Decode capability	Auto discriminates all standard one-dimension barcodes; including GS1 databar. Other symbologies can be ordered optionally (2D Symbology for PT-6300, PT-6310 and PT-6320)		
Developing tools			
	embedded Visual C++ 4.0, Visual Studio.NET, Visual Studio 2005, Windows CE SDK		
	Scanner Configuration Utility		
Physical and Environment			
Operating Temperature	-10°C to 60°C / 14°F to 140°F		
Storage Temperature	-20°C to 70°C / -4°F to 158°F		
Humidity	1) Operating: Non-condensed 10-90% 2) Storage: Non-condensed 5-95%		
Impact resistance	1) 1.2M/4ft (Terminal) 0.9M/3ft (Cradle)/(4 drops per 6 sides) 2) IP54		
Electrostatic discharge	1) +/- 15 KV air discharge 2) +/- 8 KV direct discharge		
EMC Regulation	FCC, CE, BSMI, CCC		
Accessory			
	Charging & communication cradle / Pistol grip / Charging cable / Four slot charging cradle		