PT-80

PT-80 Mobile Computer

The PT-80 Mobile Computer is a durable, wireless handheld computing device based on the Windows CE® operating system. The PT-80 integrates a bar code scanning CCD, a color LCD with touch screen, a backlit keypad, and wireless communication capabilities into one compact device. This multifunctional mobile computer features the high performance Intel PXA270 CPU (520 MHz), 64MB of RAM, and 128MB of ROM. The Windows CE operating system provides a standard Windows-based environment for ease of customization and operation. The PT-80 offers stylus entry, long battery life, robust expansion capabilities, and wireless mobility via 802.11b—perfect for use in a broad range of applications, such as field service, retail, warehouse, logistics, and distribution.

Model	PT-80 Mobile Computer
Performance	
OS	Win CE .NET 5.0
CPU	Intel PXA-270 (520 MHz)
RAM	64MB SDRAM
ROM	256MB
Display	
LCD	3.5" Color TFT LCD with touch panel
Resolution	240 x 320 ,
Scanner	
Scanner System	Long range CCD scanner 2048 pixels
Resolution	4 mil (0.10mm) min. at PCS 90%
Depth of Field	15,5" (UPC/EAN, 13 mil at PCS 90%)
Scanning Rate	400 scans/sec
PCS	≧30%
Ambient light	0~70,000 lux
Decode Capability	Auto discriminates all standard one-dimension barcodes; including GS1 databar
Keypad	
	22 keys with back light
Communication Interface	
Standard Interface	RS232 & USB
Expansion solt	
	CF type I slot (for memory expansion and WLAN card)
	SD/MMC card (for memory expansion)
Power Supply	
Main input	Rechargeable Li-ion Battery 3600mAH, 3.7Vdc
Power input	Via cradle or direct charging
Operating time	Normal operation -12 hrs (LCD back-light working on 70%, without add-on card, cable and keypad back-light, with system sound and alert, scanning every 10s)
Physical and Environmental	
Operating Temperature	-10~50℃
Storage Temperature	-20~60℃
Battery Charging Temperature	0~45℃
Humidity	Max 95% RH at ≦40℃
Weight	Approx. 485 g
Drop test	1.2 meters to concrete (Terminal) 0.9 meters to concrete (Cradle)
ESD	+/-15kVDC air discharge +/- 8kVDC direct discharge (contact) +/- 8kVDC indirect discharge (H & V)
Sealed standard	IP54
Approvals	
	CE,FCC,BSMI, CCC, cTUVus
Win-CE AP	
	MS Web Browser (Internet Explore), Media Player,Microsoft WordPad, Remote Connection, Transcriber,Windows Explorer
Developing Tools	
	Microsoft Visual tool for VB and VC programming
	Argox SDK

Specifications subject to change without notice

PDC Series Portable Data Collector (PT-80 Mobile Computer)