



This Rugged Handheld Mobile Computer with HF RFID Reader is a great choice for work in the field – be it in the warehouse, on the manufacturing line, or anywhere assets need to be tracked.

This RFID enabled, rugged, mobile computing device is packed with features and is a great choice for work in the field – be it in the warehouse, on the manufacturing line, or anywhere assets need to be tracked. Aside from being an RFID reader, this unit is a powerful computer featuring 128MB SRAM, 128MB internal FLASH, as well as, a user accessible SD card slot for additional mass storage, and uses Microsoft® Windows® CE .NET 5.0 operating system and a Marvell PXA270 processor operating at 520 MHz. The rugged mobile computer is equipped with either a 26 key or a 41 key alpha-numeric keypad, which may further be optionally tailored to a specific application, thus allowing for an intuitive user experience. This compact apparatus is designed to fit in the palm of your hand, and for convenience, weighs in at a trim 14 oz making it the ideal tool for workforce deployment. When equipped with its optional 4000 mAh battery, rugged handheld, which can stay in the field as long as you can. Further, the computer's durable design ensures continued operation – the case is molded from an ABS/Polycarbonate blend plastic offering extreme resilience to environmental stresses, as well as to a wide variety of chemical substances and the unit is IP65 rated for protection against dust and water.

Key Features

- ✓ Barcode scanning capabilities
- ✓ Ergonomic, light weight
- ✓ Compact size suitable for your pocket
- ✓ Microsoft® Windows® CE 5.0
- ✓ Marvell® XScale® PXA270
- ✓ IP65 Rated and Shock Tested
- ✓ Processor - 520MHz
- ✓ 256MB FLASH Storage
- ✓ 128MB SDRAM
- ✓ Molded from Cycloy®: heat/chemical resistant
- ✓ Integrated WLAN and Bluetooth®
- ✓ Completely Customizable



Main Specifications

Os/Processor	Microsoft Windows CE 5.0 Marvell XScale PXA270 processor – 520 MHz
Memory & Mass Storage	256 MB FLASH Storage 128 MB SDRAM
Wireless	Integrated IrDA 1.2 Compliant Integrated WLAN IEEE 802.11 b/g Integrated Bluetooth Class II Compliant Optional GPRS module
Power	Standard Li-Ion Battery Pack, 3.7 V DC, 2200 mAh Optional High Capacity Li-Ion Battery Pack, 3.7 V DC, 4000 mAh Built-in Battery Charger Advanced Smart Battery with Gas-Gauge (discharging times) 5 V power supply to peripherals (300 mA max) Rechargeable backup Li-Poly battery Power adapter : 100–240 V AC, 50/60 Hz Input – 5 V DC/2.6A Output
External Ports	DC-In Jack LIF connector supports RS232, USB 1.1 Client, USB 1.1 Host, DC-IN and DC5 V/300 mA output
Expansion Slots	SD/MMC slot (only supports SD memory) External serial connector for RFID or GPS module SIM slot for GPRS module (if equipped)
Environment	Operating at -10 °C to 50 °C Storage at -20 °C to 60 °C Humidity: 5 % to 95 % (Non Condensing)
Display	3.5" QVGA Transflective TFT, Color LCD with LED Backlight LED backlight adjustable ON/OFF 4-wire resistive type touch panel
Led Indicator	Power/Charge LED 2 color(G/R) Barcode Scanner LED 2 Color(G/R) LED for WLAN, BT
Keypad & Controls	Choice of 26 or 41 key Alpha-Numeric Keypad – includes power button, barcode scanner button and eight user definable function buttons Optional keypad backlighting C white LED light Two barcode scan trigger buttons on the side of the unit
Audio	Mono speaker for system voice (on back case) 2.5 mm stereo earphone jack with mono mic input Internal mic
Certifications	IP65 Rated 1.5 M (5ft) Drop on concrete Safety: UL, LVD, LCIE/CB EMC: CE, FCC RoHS WEEE



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Software	IE6.0, Inbox, ActiveSync Summit Client Utility for WLAN config. Update software from SD card
Barcode Engine	Codabar Code 11 Code 128/ UCC EAN-128 Code 39 Code 93 Interleaved 2 of 5 UPC/EAN RSS-14 (DataBar) Industrial 2 of 5 Matrix 2 of 5
Optional	RS232 Serial Cable USB Host Cable Single Dock Cradle 4 Slot Battery Charger Car Adapter Screen Protector High-Capacity Li-Ion Battery Pack (3.7V DC, 4000 mAh) High-Capacity Battery Door





GAO RFID Inc.

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Celebrating Over 15 Year of Innovation

Product Overview

Rugged Handheld Mobile Computer with HF RFID Reader

(243003)



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GAOInstruments.com

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