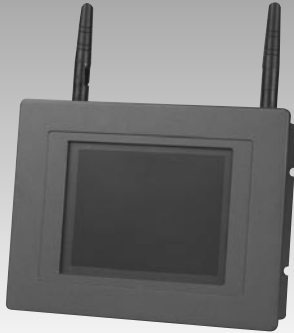


SPC-64T

6.4" TFT Rugged Graphic Operator Interface for Location Based Service (LBS)

NEW



Features

- Cost/performance effective LBS terminal w/ optional built-in GPS and GPRS/GSM modules
- Low power, high performance Intel XScale® PXA255 400 MHz processor and TVIA 5202G display chip w/8 MB VRAM for great LCD performance
- Fully IP65 sealed rugged aluminum housing with IO rubber protection and fanless design
- 6.4" TFT LCD w/touchscreen
- Rich I/O interface including RS-232, RS-485, Ethernet, USB client, USB host, CF & PCMCIA
- Macromedia Flash Player 6.0 & Java Virtual Machine (JVM) as options
- Target Application: Location Based Service in fleet management, Truck navigation, logistic flow control.

Introduction

The SPC-64T integrates Intel's RISC XScale PXA255 400 MHz processor, TVIA 5202G display chip, and Windows® CE .NET 4.2 core version. It is designed to provide customers with a Location Based Service (LBS) terminal that has good connectivity and a robust aluminum chassis. The SPC-64T provides compatible WLAN (PCMCIA), GPRS/GSM, and GPS wireless solutions and built-in RS-232, RS-485, Ethernet, and USB host/client interfaces. In addition, SPC-64T can operate with input voltages from 10 to 28 V for use in industrial vehicles. The XScale and WinCE 4.2 combination enables the SPC-64T to achieve ultra low power consumption. It is an ideal cost-efficient LBS solution for industrial vehicle-based applications such as trucks, forklifts, and cranes. SPC series supports Macromedia Flash Player and Java Virtual Machine (JVM) by project base. Colorful GUIs are easy to develop using Macromedia Flash and Java.

Specifications

System Kernel

- **CPU** Intel PXA255 400 MHz (200/300 MHz as option)
- **OS** Windows CE .NET 4.2 core version
- **SDRAM** 64 MB (128 MB as option)
- **Flash** 32 MB (64/128 MB as option)
- **RTC** HT1381, Backup by 65mAh rechargeable coin battery

Display

- **LCD** Primeview 6.4" 18-bit VGA TFT type LCD
- **Touchscreen** 4-wire resistive touchscreen
- **VGA Chip** TVIA 5202G w/8 MB VRAM

I/O

- **PCMCIA** 1 x type II PCMCIA slot
- **CF** 1 x type II CF slot
- **COM Port** 1 x RS-232 w/ DB-9 conn.
1 x RS-485 w/ DB-9 conn.
- **USB Host** 2 x USB 1.1 host w/ type A conn.
- **USB Client** 1 x USB 1.1 client w/ type B conn.
- **Ethernet** 1 x 10/100Base-T w/ RJ-45 conn.

RF communication

- **GSM/GPRS** Built-in Siemens MC55/MC56 GSM/GPRS module (optional)
- **GPS** Built-in Leadtek 9547 module (optional)
- **RF Antenna** 2 reserved antenna positions for built-in RF module

Audio

- **Line-out** 1 x Line-out Jack

Power

- **DC-in** 10 ~ 28 V DC Polyfuse protected via 3-pin Phoenix connector
- **Power Switch** 1 x power on/off slide switch

Environmental & Physical

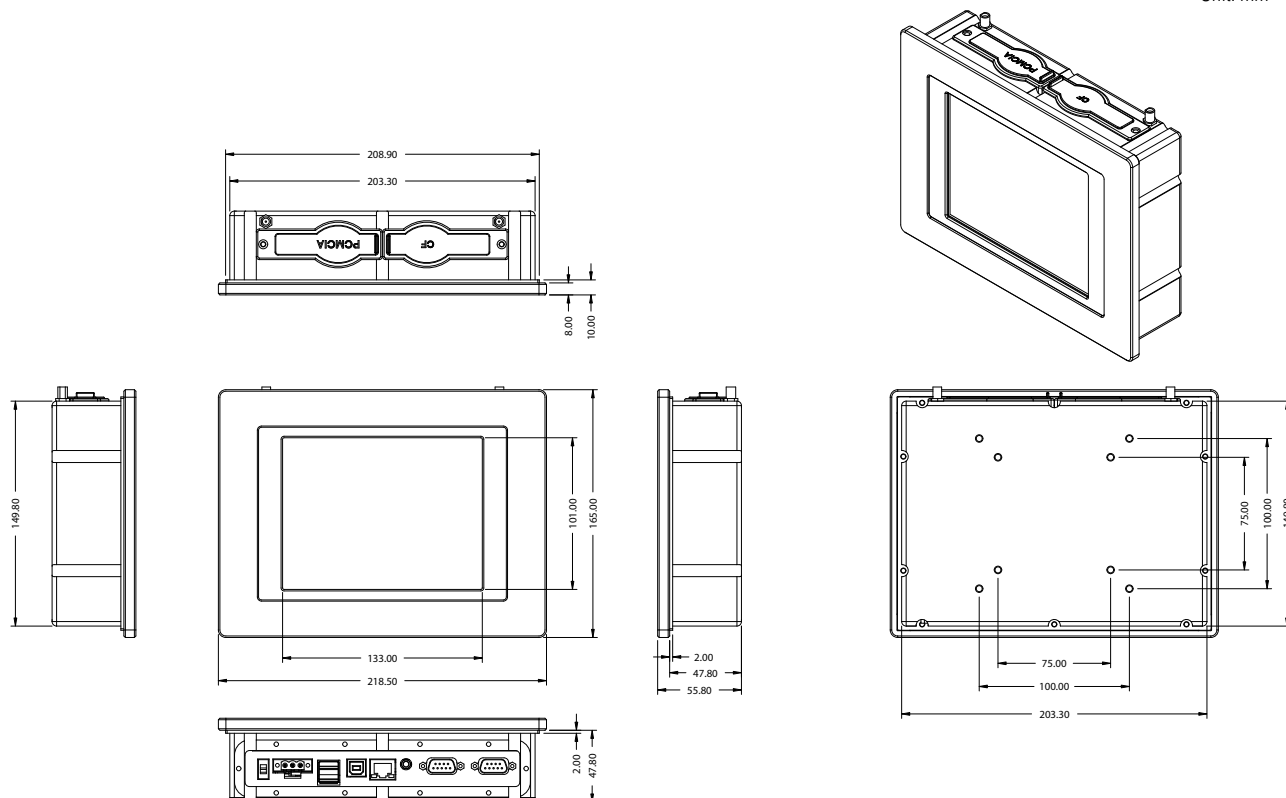
- **Operating Temp** 0 ~ 50°C
- **Storage Temp** -20 ~ 60°C
- **Vibration/Shock** Random Vibration: 6G
Sine Vibration: 6G
Shock: 50G
- **Water/Dust Resistance** IP65 for whole set w/ rubber protection
- **Certification** FCC/CE/UL

GUI firmware

- **Macromedia Flash Player support (project base)**
- **Java Virtual Machine support (project base)**

Dimensions

Unit: mm



Ordering Information (Preliminary)

- **SPC-64T-445CE1** 6.4" VGA TFT LCD, Intel XScale PXA255 400MHz with WinCE 4.2 core version. w/o GPS & GSM/GPRS module
- **SPC-POWERSET** 60 W power adapter with 3-Pin power connector (Customer must purchase power cord separately)

Packing List (Preliminary)

- SPC-64T (without RF module and antenna)
- Windows CE .NET end user license agreement (for Windows CE .NET version)
- CD-ROM
 - 1) Datasheet
 - 2) Upgrade utility
 - 3) Microsoft ActiveSync Version 3.7 installation files (for Windows CE .NET)
 - 4) Windows CE .NET 4.2 platforms SDK (for Windows CE .NET) Warranty Card
- 1 x USB ActiveSync cable
- I/O connectors rubber cover & sleeves