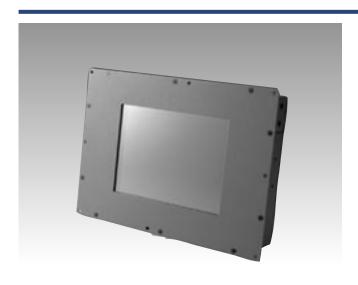
SPC-64C

6.4" TFT Smart Panel Computer with Intel XScale® CPU and Windows® CE .NET



Features

- Intel XScale® PXA255 400 MHz ECPU and Windows CE .NET OS
- 6.4" color TFT LCD panel and resistive touch screen
- Ultra low power consumption and fanless
- Compact size
- IP65 front bezel
- Can operate without back cover/removable back cover for user
- Open-frame model: ideal design for inside-out mounting type

Introduction

The SPC-64C integrates the Intel XScale PXA255 400 MHz processor and Windows CE .NET 4.2 or embedded Linux (Embedded Linux will support by project based). It is designed to provide customers with a low power, higher performance embedded display platform with good networking and graphic performance. SPC-64C has a bright VGA (640 x 480) LCD screen and comes without front bezel for inside-out mounting, making it ideal for customers to design their own chassis or housing.

Specification

System Kernel

CPU Intel PXA255 400MHz on board 0S Windows CE .NET 4.2 SDRAM 64 MB SDRAM on board Flash 32MB Flash memory on board

WDT PXA255 internal

 Boot Loader 1 MB AMD Flash ROM for boot loader.

RTC HT1381

Display

LCD 6.4" TFT VGA 640 x 480 Touch Screen 4-wire resistive touch screen VGA Chip TVIA 5202G VGA chip with 8MB SDRAM

1/0

RS-232 1 x full function transceiver level RS-232 by DB-9

2 x full function transceiver level RS-232 by pin-header inside the case

RS-485 1 x RS-485 by DB-9 connector 1 x 10/100Base-T RJ-45 RJ-45 USB 2 x USB host; 1 x USB client 1 x PCMCIA slot type II - PCMCIA 1 x CF slot type II - CF

 Digital I/O 8 DI & 8 DO. Pin header output inside the case.

Provide API to access DIO

 GPI0 8 GPIO. Pin header output inside the case. Default as

Audio 1 x Audio line-out jack

Power

V-in Range DC 10 V ~ 28 V Protection Power surge protection Electrical pole reversal protection - SM Bus For smart battery, pin headers, I2C bus System Backup Battery Rechargeable Li-ion battery 65 mAh for RTC

Power Switch 1 power switch

Power Conn 3-pin power connector with screw hole Execute S/W reset through system configuration SW Reset **Power Consumption** 8 W (Typical power consumption w/ OS running and

LCD backlight on)

Mechanical

 Dimension Box size: 192.5 mm x 139 mm x 40.3 mm Front bezel: 209.5 mm x 156 mm

SPCC Material

Environment

 Operating Temp 0° C ~ 50° C Storage Temp -20° C ~ 60° C Water/dust Resistance IP65 front bezel Certification CE/FCC/UL

Ordering information

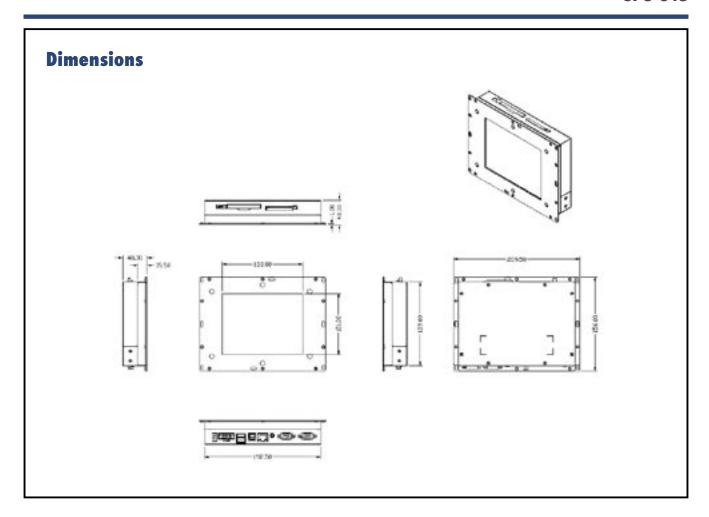
SPC-64C-445CE1 Intel Xscale PXA255 400 MHz CPU, Windows CE, NET

pre-installed with 6.4" color TFT LCD and resistive

touch screen SPC

SPC-POWERSET 60 W power adapter with 3-pin power connector

(Customer must purchase power cord separately)



Packing List

- Smart Panel Computer
- Windows CE .NET end user license agreement (Windows CE .NET version)
- CD-ROM

 - 1) Readme.txt 2) User's manual
 - 3) Data Sheet

 - 4) Upgrade utility
 5) Microsoft ActiveSync Version 3.7 installation files (Windows CE .NET)
 - 6) Windows CE .NET 4.2 platforms SDK (Windows CE .NET)
- Warranty Card
- 1 x USB client ActiveSync cable
- 3-pin power connector with screw hole