

MPC-60

WAN/WLAN/GPS ready Mobile field device

Preliminary Draft*



Features

- Intel® Xscale PXA-255 400 MHz CPU
- Windows® CE .NET built-in
- 6.4" VGA TFT LCD Display
- Longlife Battery for up to 6 hour use
- GPRS/GSM/GPS Module Built-in
- Lightweight Design

Applications

- Industrial Mobile information ePlatform
- Wireless Human Machine Interface
- On-vehicle GIS/communication ePlatform

Introduction

Following the mutuality of Wireless and Networking technology in vertical applications, remote field work is no longer isolated from the information system loop by using Advantech's field mobile device.

Unlike consumer handheld devices like PDAs, Advantech's MPC-60 is designed and targeted to fit real-world vertical applications and offer field workers a slim, lightweight, but powerful device. The MPC-60 is a highly mobile, useful, trustworthy, and reliable field information platform.

Rugged Mobility

The MPC-60 is the newest model of Advantech's Mobipanel Series, light in weight and small, but with a sharp LCD display. It not only functions as a personal portable computing device, but is also designed as an on-vehicle information platform. This means the MPC-60 fits in vehicle environments or space critical environments which demand a rugged and flexible computing platform. With a variety of wireless modules built-in for WLAN, WAN and GPS communication, the MPC-60 not only can act like a local device, but can also be part of a networked system, able to perform real time operations.

RISC DTOS

By leveraging Advantech's RISC DTOS (Design To-Order Service), the MPC-60 prototype functional boards were ready in ONLY 45 days, ready for Market roll out and further vertical application development. The MPC-60's RISC-based embedded platforms are targeted on both Low and Medium market Segments based on one common configurable Solution board.

Applications

- Industrial Mobile information ePlatform
- Wireless Human Machine Interface
- On-vehicle GIS/communication ePlatform.

Specifications

MobiPanel MPC-60 6.4" Industrial Web Tablet with Windows® CE .NET

- **CPU:** Intel® Xscale PXA-255 400 Mhz
- **Memory:** System: 64 MB SDRAM on board
Storage: 32 MB Flash ROM
- **Display:** Panel: 6.4" 640 x 480 VGA
Resolution: 32 MB Flash ROM
- **Audio System:** 1 x Internal speaker
- **PCMCIA:** 1 x PCMCIA Type II slot
- **CompactFlash:** CompactFlash Type II slot (Push slot)
- **External Keyboard:** USB, IR Keyboard (Optional)
- **Application Button:**
 - 5 x customer-defined selection hot keys
 - 1 x Power lock switch (Suspend switch)
 - 1 x Software reset switch
 - 1 x Hardware reset switch (under COIN-battery door)
- **Pointing Device:** Built-in resistive touch panel
- **Battery:** Primary battery pack (4-cell) with smart Li-ion battery (6 hour life)
- **Power Adapter:** Universal AC 90 V ~ 265 V, 47~ 63 Hz input, 19.5 VDC, 60 W
- **LED Status Indicator:**
 - **Power LED :** Green: Power on, and blank when suspend
 - **LAN LED :** Blinking when on line
 - **Charger LED :** Orange : charging, and blinking when battery low



MPC-60

Specifications cont.

- **I/O Port:**
 - 1 X CompactFlash Type II
 - 1 X Audio jack for external microphone
 - 1 X IrDA interface
 - 1 X USB Type A connector
 - 1 X USB Type B connector
 - 1 X RJ-45 for Ethernet port
 - 1 X RS-232 (COM port)
 - 1 X DC-in jack
- **RF:** 802.11b LAN, 10/100T Base Ethernet through PCMCIA card
- **Built-in Device:** GPRS/GSM/GPS module

Ordering Information

*OEM/ODM inquiries welcome, models by project base. Samples available now.