

NP-700i

7" WVGA TOUCH PANEL SYSTEM WITH CE 5.0



INTRODUCTION

The NP-700i is a miniature and compact platform that has excellent system performance and function, The 400 MHz RISC CPU Core provides maximum performance with integrated 2D Graphics Accelerator.

The NP-700i has a 10/100 Base-T Ethernet port for responsive open communications. The NP-700i integrates Windows CE 5.0 (CE.NET).

FEATURES

- 7" LCD WVGA Display
- NEMA 4 Front Panel
- Fan-less construction
- 32 Bit ARM926EJ/ARM9 400MHz RISC core processor
- Integrated High performance 2D accelerator graphic controller, support
- Platform SDK

CE 5.0 (CE.NET) FEATURES

- Pocket Internet Explorer
- Real-time processing with 256 priority levels and nested interrupt support
- .NET Compact Framework 2.0
- RDP Thin Client
- XML Web Services, SOAP, and WSDL
- Application programming with Visual Studio 2005 and many other application development tools.

SPECIFICATIONS

- Display: 7" WVGA Color TFT LCD
- Resolution: 800 x 480
- Luminance: 450 cd/m²
- Contrast ratio: 500:1
- Backlight: LED
- ARM926EJ/ARM9 400MHz RISC core processor
- 64 Mb on board DDR2 DRAM
- 128 MB flash memory onboard
- 1 SD card slot for application storage
- 3 serial ports (2-RS232, 1-RS485 2W/4W)
- 1 USB 1.1 port Host
- 1 USB 2.0 port High Speed Appliance
- 1 Ethernet port (10/100 Base-T)
- 16 bit sound output (Option)
- Built in RTC
- NEMA4 / IP65 Front Panel
- Power input: 24 VDC, $\pm 10\%$, V_{DC} 250mA@24VDC
- Dimensions: (W x H x D): 146.53 x 200.35 x 42.55mm (5.762" X 7.888" X 1.675")
- Weight: .85kg (1.87 lbs.)
- Operating temp: -10° ~ 45°C (14° ~ 113°F)
- Relative humidity: 10% ~ 90% @ 40°C, non-condensing
- Shock (operation): 10 to 25Hz(X,Y,Z)