

# NP-606S

## 5.7" QVGA TOUCH PANEL SYSTEM WITH CE 4.2



### INTRODUCTION

The NP-606S is a miniature and compact platform that is designed for small-sized operator interface market. It has a 5.7" DSTN QVGA LCD display that offers a cost effective and powerful choice. At its foundation is an Intel Xscale PXA255 200 MHz. processor featuring low power consumption and high performance. The NP-606S has a 10 Base-T Ethernet port for responsive open communications. The NP-606S integrates Windows CE 4.2 (CE.NET) which expands its capabilities with vast embedded tools. Windows CE 4.2 features real time capabilities, I.E. 5.5, RDP, and custom programming with Visual Studio and C++.

### FEATURES

- 5.7" LCD Display
- Analog resistive touchscreen
- NEMA 4 Front Panel
- Intel Xscale PXA255 processor
- 1 Ethernet port
- 3 Serial ports
- 3 USB ports
- Fan-less construction
- 1 Compact Flash slot
- Platform SDK

### CE 4.2 (CE.NET) FEATURES

- Internet Explorer 5.5
- Real-time processing with 256 priority levels and nested interrupt support
- RDP Thin Client
- XML Web Services, SOAP, and WSDL
- Application programming with Visual Basic.NET, Visual C++, Visual J++, and Visual C#

### SPECIFICATIONS

- Display: 5.7" QVGA Color DSTN LCD
- Resolution: 320 X 240
- Luminance: 150 cd/m<sup>2</sup>
- Contrast ratio: 30:1
- 200 MHz. Intel PXA255 processor
- 64 MB RAM
- 32 MB ROM
- 1 Compact Flash slot for application storage
- 3 serial ports (2-RS232, 1-RS485 2W/4W)
- 3 USB ports (2 master, 1 client for active sync)
- 1 Ethernet port (10 Base-T)
- 16 bit sound output
- BQ3285 RTC
- NEMA4 / IP65 Front Panel
- Power input: 24 VDC, 0.5A maximum
- Dimensions: (W x H x D): 204 x 150 x 48mm (8.2" X 6" X 1.9")
- Weight: .8 kg (2.5 lbs.)
- Operating temp: 0° ~ 45°C (32° ~ 113°F)
- Relative humidity: 10% ~ 90% @ 40°C, non-condensing
- Shock (operation): 10 to 25Hz(X,Y,Z direction 2G 30minutes)
- Approvals: FCC, CE, UL (pending)