

NP-800S

7.7" VGA TOUCH PANEL SYSTEM WITH CE 4.2



INTRODUCTION

The NP-800S is a miniature and compact platform that is designed for small-sized operator interface market. It has a 7.7" DSTN VGA 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-800S has a 10/100 Base-T Ethernet port for responsive open communications. The NP-800S integrates Windows CE 4.2 (CE.NET) which expands its capabilities with vast embedded tools. Windows CE 4.1 features real time capabilities, I.E. 5.5, RDP, and custom programming with Visual Studio and C++.

FEATURES

- 7.7" 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: 7.7" VGA Color DSTN LCD
- Resolution: 640 X 480
- Luminance: 150 cd/m²
- 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 (10/100 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): 231 x 176 x 55mm (9.1" X 6.9" X 2.2")
- Weight: 1.2kg (2.6 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)