MPPC 2210T

Main Features

- 16:9 21.6" Fanless Panel Computer
- Intel® Atom™ N270, Low Consumption CPU
- 2nd Display VGA Port
- Dual GbE
- 2 x USB/1 x Mini-PCI/1 x CF/1 x RS232/422/485
- Touch Screen, WiFi Module, 2.5" HDD

- DDR2 1GB (Onboard 1GB up to 2GB)
- 2.5" HDD Bracket
- Two Speakers
- CF as Default
- +12V Power Adaptor
- Dimension: 508mm (W) x 301mm (H) x 53.9mm (D)

Product Overview

NEXCOM's Multimedia Panel PC incorporates a 16:9 LCD touch screen panel, industrial motherboard and PowerDigiS Digital Signage Software making it the perfect "signage ready" Panel PC solution for the Self Service/Kiosk applications. The front panel with touch screen is IP-65 compliant and is therefore resistant to water and dust.

The MPPC Series is available in various different LCD sizes including 21.6" and 37" with resolutions up to 1920x1020 (full HD). Other features include built-in dual Ethernet and optional WiFi module and the slimmest x86 based touch terminal. Designed for an extended number of applications the MPPC Series can be utilized as a thin client computer or within in-vehicle systems, portable devices, and digitalized home and POS / Kiosk terminals.

Specifications

Panel

- LCD size: 21.6", 16:9
- Resolution: Full HD, 1920 x 1080
- Pixel pitch: 0.248mm (H) x 0.248mm (V)
- Luminance: 300 cd/m²
- Contrast ratio: 1000
- Viewing angle: 80 (U), 80 (D), 85 (L), 85 (R)
- Response time: 5ms
- Backlight: CCFL
- Touch screen: 5-line Resistive
- Touch light transmission: 80%
- Touch interface: USB

System

- CPU: Onboard Intel® Atom™ N270 1.6GHz (2.5W)
- BIOS: Award 8Mbit Flash BIOS
- System chipset: Intel® 945GSE / ICH7M
- I/O chip: ITE8712F
- System memory: Onboard 1GB DDR2 and One 200-pin DDR2 SODIMM supports up to 2GB DDR2 400/533 (1GB per bank)

- SSD: One CF socket by IDE secondary slave channel supports Type I / II Compact Flash Card
- Hard driver bay: Optional 2.5" SATA HDD
- Watchdog Timer
  Reset: 1 sec. to 255 min. and 1 sec. or 1 min./step
- H/W status monitor: Monitoring system temperature, voltage, and cooling fan status.
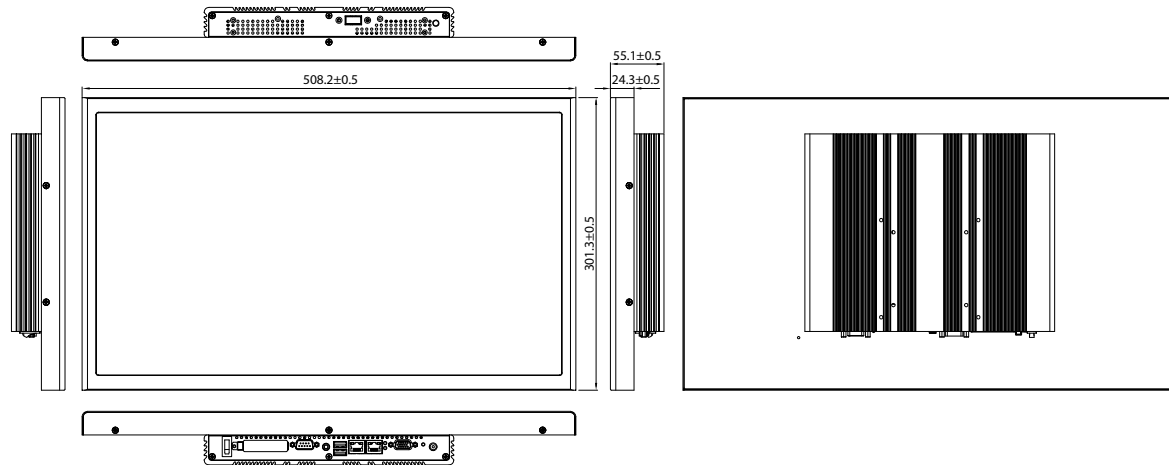- Expansion: Mini-PCI, Mini-PCIe

Rear I/O

- Serial port: 1 x RS232/422/485
- Ethernet: 2 x RJ45
- VGA: 1 x DB-15
- Audio port: Line-out
- USB: 2 x USB 2.0

Audio

- AC'97 codec: Realtek ALC 655 supports 5.1CH Audio
- Audio interface
  Connector: Line-out

Dimension Drawing

Ethernet

- LAN chip: Dual Realtek RTL8111C Gigabit LAN
- Ethernet interface: 10/100/1000 Base-Tx Fast Ethernet compatible

Mechanical & Environment

- Color: Front & Rear panel Black
- Mounting: Wall/Stand/VESA 75mm x 75mm
- Power input: 100VAC to 250 VAC/ 47Hz to 63Hz
- Power output: +12 Vdc / 7A (80W)
- Operating temperature: 32 to 104°F (0 to 40°C)
- Storage temperature: -4 to 167°F (-20 to 75°C)
- Operating humidity: 5% to 90% relative humidity, non-condensing
- Dimensions: 508mm (w) x 301mm (H) x 53.9mm (D)
- Weight: 6 Kgs

Ordering Information

- **MPPC 2210T (P/N: 7800000023X00)**
  21.6" TFT Panel PC with Intel® Atom™ N270 1.6GHz, 1GB DDR2 with Touch screen