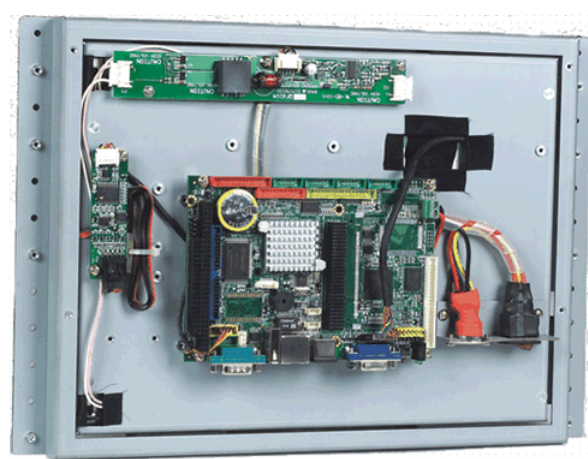


VOX-121 TFT LCD 12.1" Touch Panel



12.1" TFT LCD Open Frame Touch Panel

Fanless Vortex86MX+ 486 DX class processor running at 800MHz

Inexpensive Open-Frame Design

10/100BaseT Ethernet

6 Serial ports with handshake

3 USB 2.0 Host ports

Up to 1 GB of On-Board DDR2 SDRAM

Compact Flash Socket

Audio with Mic-In/Line-In/Line-Out

Graphic LCD Interface

SVGA (800 x 600) LCD Resolution

Touch Screen Interface with 4-Wire Resistive Touch Screen

47 Watt Power Supply Included

EMAC OE embedded operating system with Desktop. (web browser in Kiosk Mode available.)

XP Embedded Build Image available

WinCE 6.0 BSP and SDK available

Can be utilized with other SBCs.

Setting up a Panel PC can be a Puzzling experience. However,when purchased with an Operating System and Compact Flash, the VOX-121 Compact Panel PC comes ready to run. Just apply power and watch either the Linux X Windows or the Windows XP/CE User Interface appear on the vivid color LCD. Interact with the VOX-121 using the responsive integrated touchscreen. Everything works out of the box, allowing you to concentrate on your application, rather than building and configuring device drivers. Just Write-It and Run-It.

Specifications

Panel PC Type:

Open Frame PPC

Processor

Processor:

Fanless Vortex86DX 486 DX

Clock Speed:

800 MHz

Real Time Clock:

Memory

RAM type:

Up to 1 GB DDR2 RAM On-Board

BIOS/ Bootloader:

AMI BIOS

Primary Flash:

1x Compact Flash Type I/II Slot

Secondary Flash:

EmbedDisk

Memory Misc.:

Flash Disk: Compact Flash Socket Type I/II

IDE: One Ultra DMA 100/66/33, which supports 2 IDE Drives

Primary I/O

GPIO:

16x GPIO

Video Out:

VGA

TFT or LVDS ouput with 16MB or 32MB of Video Memory

Audio:

on-board CM119 USB Audio Controller with Mic-In/Line-In/Line-Out

Ethernet:

10/100 Base-T Ethernet with on-Board RJ-45 connector

USB:

3x USB 2.0 Ports

Serial Ports:

5x RS-232 with handshaking

1x RS-232/422/485

Watchdog:

Primary I/O Misc.:

Parallel: Standard Parallel Printer Port

Touchscreen

Type: 4 Wire Analog Resistive

Resolution: Continuous

Controller: External USB

Driver: WinCE, XP, Linux

Durability: Over one million touches

Secondary I/O

1x 1 Port.

Keypad:

PS/2:

Touch:

12.1

Expansion

Bus.

USB

Analog

A/D.

D/A:

Dimensions

Dimensions.

11.92 × 8.03 × 2.45 in

Power Requirements

Power Misc.:

Power Supply Voltage: +5 & +12 Vdc.

Power Consumption: ~10 Watts

Environmental

Low Operating Temperature:

-10 C

High Operating Temperature:

60 C

Pricing

Product Variations:

VOX-121-0200

12" OPEN FRAME PPC W/TOUCHSCREEN 512MB RAM & PS

\$828.75

Parent Product:

VOX-121-0300

12" OPEN FRAME PPC W/TOUCHSCREEN 1GB RAM & PS

\$853.75

Parent Product:

Source URL: <https://www.emacinc.com/content/vox-121-tft-lcd-121-touch-panel>