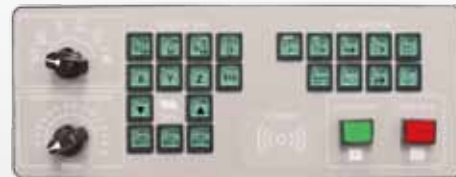
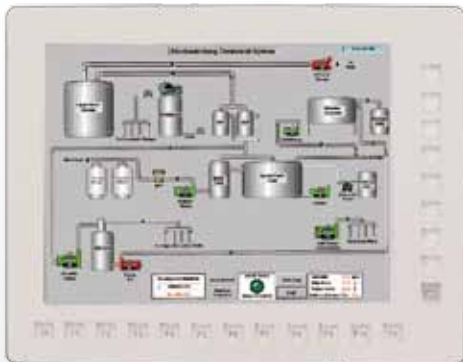


FPPC 1220

12.1" TFT SVGA 4:3 Panel PC with Intel® Atom™ D425, 1.8GHz,
1GB DDR3, 2x USB, 3x COM and VGA



Main Features

- ♦ 4:3 12.1" Fanless Panel Computer
- ♦ Intel® Atom™ D425, Low-Power Consumption CPU
- ♦ DDR3 1GB/ 3x GbE/ 2nd display-VGA/ Line-out/ MIC-in/ PS2 KB/MS
- ♦ USB x 2/ 1x PCI slot/ 1x CF/ 2x RS232/ 1x RS232/422/485
- ♦ IP65 Compliant Front Panel
- ♦ Mounting Support: Panel/ Wall/ Stand/ VESA 75mm x 75mm, 100mm x 100mm

Product Overview

Incorporated a 12.1" 4:3 LCD panel with resolutions up to 800x 600 (SVGA) and 350 nits brightness, industrial motherboard for diverse industrial applications, the factory automation fanless Panel PC FPPC 1220 utilizes Atom™ D425 processor. The IP65 compliant front panel can be offered for automation machine applications.

The FPPC 1220 Panel PC has 3GbE LAN, 3x COMs, 2x USB, PS2 KB/MS, and Line-out/MIC-in. With a VGA port, FPPC series can hook 2nd display delivering different content.

Specifications

Panel

- ♦ LCD Size: 12.1", 4:3
- ♦ Resolution: SVGA 800x600
- ♦ Luminance: 370cd/m2
- ♦ Contrast ratio: 450
- ♦ Viewing angle: 50(U), 60(D), 70(L), 70(R)
- ♦ Backlight: CCFL

System

- ♦ CPU: Intel® Atom™ D425, 1.8GHz
- ♦ BIOS: AMI BIOS
- ♦ System chipset: Intel® ICH8M
- ♦ System memory: 1x 204-pin DDR3 SO-DIMM socket, 1G DDR3 (Default),
- ♦ Support up to 2GB DDR3 800, non-ECC and un-buffered
- ♦ SSD: one external locked CF socket by IDE support Type I/II compactFlash card
- ♦ Watchdog timer: Watchdog timeout can be programmable by software from 1 second to 255 seconds and from 1 minute to 255 minutes (Tolerance 15% under room temperature 25°C)
- ♦ H/W status monitor: monitoring system temperature and voltage
- ♦ Expansion: 1x PCI slot
- ♦ NEXCOM Xcare™ platform system management supported

Rear I/O

- ♦ COM #1: RS232
- ♦ COM #2: RS232
- ♦ COM #3: RS232/422/485
- ♦ Ethernet: 3x RJ45
- ♦ 2nd display VGA port: 1x DB15
- ♦ Audio port: 1x Line out; 1x MIC-in
- ♦ USB: 2x USB 2.0
- ♦ PS2 keyboard/ mouse

Audio

- ♦ AC97 codec: Realtek ALC888
- ♦ Audio interface: Line out/ MIC-in Audio Jack

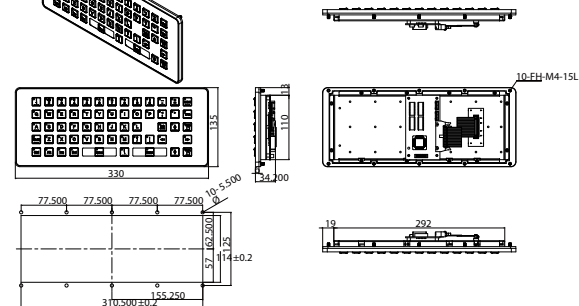
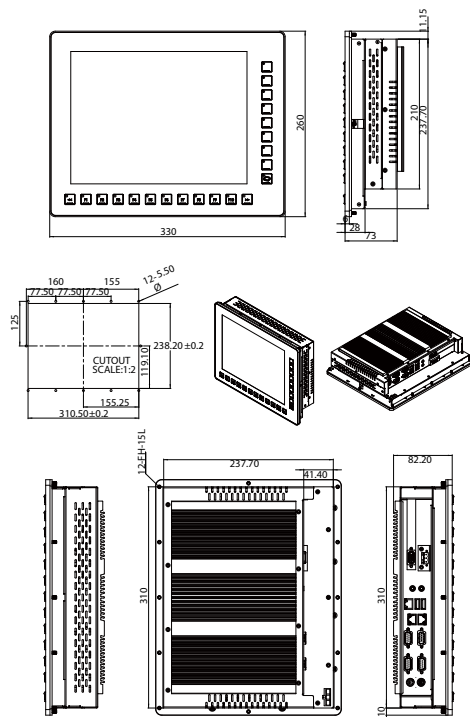
Ethernet

- ♦ LAN chip: 3x Realtek 8111L Gigabit LAN
- ♦ Ethernet interface: 10/100/1000 Based-Tx Ethernet compatible

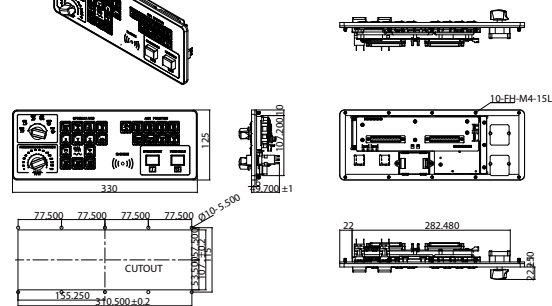
Mechanical & Environment

- ♦ IP protection: IP65 front
- ♦ Mounting: panel/ wall/ stand/ VESA 75mm x 75mm; 100mm x 100mm
- ♦ Power input: 24V DC

Panel PC



A detailed line drawing of the rear panel of the device. From left to right, it features two rotary switches (one labeled 'VOLUME' and 'TUNING'), a central rectangular port (likely for a cassette or tape), and two smaller rectangular ports at the bottom right (likely for audio output or a microphone).



- ## Ordering Information

- ♦ **FPPC 1220 (P/N: TBD)**

- 12.1" TFT Panel PC with Intel® Atom™ D425 1.8 GHz, 1GB DDR3,
COM #1/ #2/ #3