

APPC 1530T/1531T

15" TFT XGA 4:3 Flush Panel PC with Intel® Atom™ D2550, 1.86GHz, Touch Screen, 1GB DDR3, 4x USB, 4x COM and VGA



Main Features

- ♦ 4:3 15" XGA Fanless LED Panel Computer
- ♦ Intel® Atom™ D2550, Dual Core, Low Consumption CPU
- ♦ Flush Panel by 5-wire Touch Screen
- ♦ Dual GbE/ 2nd display-VGA/ Line-in/ Line-out/ MIC-in/ PS2 KB/MS
- ♦ USB x4/ 2x Mini-PCle sockets/ 1x CFast/ 2x RS232/422/485
- ♦ Optional 3.5G / Wi-Fi Module/ 2.5" HDD/ 2x COMs/ GPIO / DIO
- ♦ DDR3 1GB/ 2.5" HDD Bracket
- ♦ IP65 Compliant Front Panel
- ♦ Mounting Support: Panel/ Wall/ Stand/ VESA 100mm x 100mm
- ♦ Wide Range Power Input 12V~30VDC

Product Overview

The 15" fanless panel PC APPC 1530T/ 1531T incorporating an industrial motherboard is intended for versatile industrial applications. The panel PC has a touch screen LED backlight LCD panel with 1024x768 (XGA) resolution and 400-nit brightness. The front panel which adopts flush design and complies with IP65 standard makes it the perfect fit in industrial applications.

The APPC 1530T/ 1531T supports WWAN/WLAN expansion and others via dual Gigabit Ethernet connectors, two Mini-PCle slots and one SIM card holder. With support for wide power input of 12V~30V, APPC 1530T/1531T can gain a strong foothold in industrial field and machine devices. In addition, APPC 1530T/ 1531T can hook 2nd display via a VGA port for dual independent display. APPC 1531T has two isolated RS232/422/485 ports, two RS232 ports supporting 5V and 12V power feed, four isolated channels of DI and DO, and two channels of GPI and GPO.

Specifications

Panel

- ♦ LED Size: 15", 4:3
- ♦ Resolution: XGA 1024x768
- ♦ Luminance: 400cd/m²
- ♦ Contrast ratio: 700
- ♦ LCD color: 16.2M
- ♦ Viewing Angle: 60 (U), 80(D), 80(L), 80(R)
- ♦ Backlight: LED

Touch Screen

- ♦ 5-wire resistive (flush panel type)
- ♦ Light transmission: 80%
- ♦ Interface: USB

System

- ♦ CPU: On-board Intel® Atom™ Dual Core processor D2550, 1.86GHz, 1M L2 Cache
- ♦ BIOS: AMI BIOS
- ♦ System chipset: Intel® NM10 Express chipset
- ♦ System memory: 2x 204-pin DDR3 SO-DIMM socket, 1G DDR3 (Default), Support up to 4GB DDR3-800/1066, Non-ECC and Un-buffered

Storage Device:

- 1x external locked CFast socket
- 1x hard drive bay: optional 1x 2.5" SATA HDD or 1x SATA DOM
- ♦ 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: 2x Mini-PCle sockets (support optional Wi-Fi or 3.5G module)
- ♦ Panel backlight control button: Increase brightness / decrease brightness / Backlight On/Off (For APPC1531T only)

Rear I/O

- ♦ Ethernet: 2x RJ45
- ♦ 2nd display VGA port: 1x DB15
- ♦ Audio port: 1x Line out; 1x Line in; 1x MIC-in
- ♦ USB: 4x USB 2.0
- ♦ PS2 keyboard/ mouse
- ♦ Power switch
- ♦ Reset button
- ♦ COM #1: RS232/422/485 w/RI or 5V selection
- ♦ COM #2: RS232/422/485 w/RI or 12V selection

Technical drawings of the Philips 32PFL5005T television showing front, side, and rear views with dimensions.

Front View: The screen is 366.32 wide and 8.80 high. The bezel is 7.41 high. The bottom bezel has a width of 384.37. The screen is 160 wide and 77.70 high. The bezel is 19.20 high. The bottom bezel has a width of 309.95. The screen is 142.27 wide and 100 high. The bezel is 7.70 high. The bottom bezel has a width of 292.20. The screen is 100 wide and 77.70 high. The bezel is 19.20 high. The bottom bezel has a width of 309.95.

Side View: The total height is 309.95. The screen is 77.70 high. The bezel is 19.20 high. The bottom bezel has a width of 292.20. The screen is 142.27 wide and 100 high. The bezel is 7.70 high. The bottom bezel has a width of 292.20.

Rear View: The total width is 384.37. The screen is 366.32 wide. The bezel is 7.41 high. The bottom bezel has a width of 384.37. The screen is 160 wide and 77.70 high. The bezel is 19.20 high. The bottom bezel has a width of 309.95. The screen is 142.27 wide and 100 high. The bezel is 7.70 high. The bottom bezel has a width of 292.20.

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