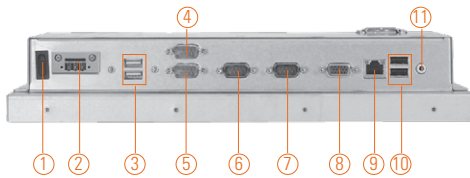
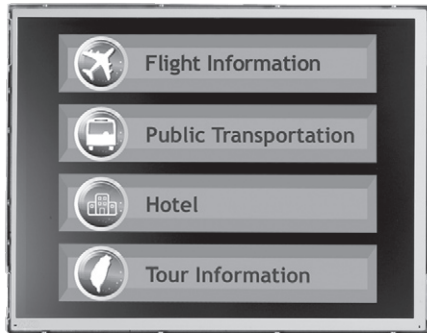
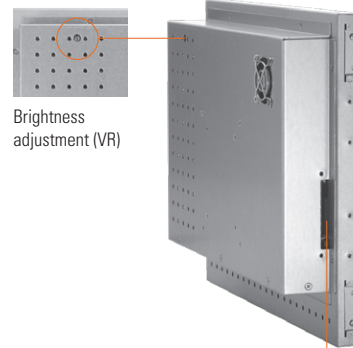


# FDK150-830

15" XGA TFT Open Frame Panel Computer



- |                          |                           |
|--------------------------|---------------------------|
| 1. Power switch (ATX)    | 6. COM 1 (RS-232/422/485) |
| 2. Power input connector | 7. COM 2 (RS-232)         |
| 3. USB 2.0 x 2           | 8. VGA                    |
| 4. COM 4 (RS-232)        | 9. Ethernet               |
| 5. COM 3 (RS-232)        | 10. USB 2.0 x 2           |
|                          | 11. Audio (Line-out)      |



Brightness adjustment (VR)

CompactFlash™ slot

▲ Rear view



## Introduction

The FDK150-830 is an open frame display panel computer with outstanding flexibility, configurable in a variety of ways to deliver best ROI for a variety of applications. It features Intel® Atom™ processor N270 1.6 GHz with a 15" LCD display with up to 1024 x 768 resolution, providing a very cost effective low power solution.

### Ultra slim design

Designed to integrate into your custom enclosure, this unit offers an open frame slim design architecture for easy fit. The FDK150-830 is ideal for indoor kiosk, HMI automation, signage and other applications. The system is only 60mm deep and provides narrow bezel widths of 13 ~ 15mm for space-saving custom bezels and enclosure applications.

### Touchscreen option

A resistive touchscreen option is available for interactive user interface requirements. Optionally, when ordered without touchscreen you get an even lower cost solution for dynamic signage or informational applications.

### Brightness adjustment & PCIe Mini Card slot

The hidden but accessible brightness adjustment on back cover protects against end user access. One PCIe Mini Card slot is standard for I/O expansion such as WiFi, 3G connection, or other 3rd party I/O cards.

## Features

- Front panel open frame design
- Outstanding configuration flexibility delivering best ROI
- 15" XGA TFT LCD display
- Intel® Atom™ processor N270 1.6 GHz
- Touchscreen optional
- Changeable front bezel
- Supports VESA arm and open frame mount

## Specifications

LCD Panel	Display Type	15" XGA TFT LCD
	Brightness (cd/m <sup>2</sup> )	250 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	160°/130°
Main System	CPU	Intel® Atom™ processor N270 1.6 GHz with FSB 533 MHz
	Chipset	Intel® 945GSE + ICH7M
	System Memory	1 x 200-pin DDR2 SO-DIMM max. up to 2 GB
	BIOS	AMI 8 Mbit with RPL/PXE LAN boot ROM
	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated in Intel® 945GSE
I/O Connector	1 x RS-232/422/485 (COM 1) 3 x RS-232 (COM 2 - 4) 1 x 10/100/1000Mbps Ethernet 4 x USB 2.0 1 x Audio (Line-out) 1 x VGA 1 x VR (brightness adjustment)	

## Specifications

Expansion Interface	1 x PCIe Mini Card
Touchscreen	Resistive type (optional)
Power Supply	12/24 VDC
Dimensions	335 mm (13.18") (W) x 60 mm (2.36") (D) x 261.5 mm (10.29") (H) (FDK150-830-N, without touch) 335 mm (13.18") (W) x 63.8 mm (2.51") (D) x 261.5 mm (10.29") (H) (FDK150-830-R, with touch)
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)
Weight (net/gross)	3.84 kg (8.46 lb)/6.16 kg (13.58 lb)
Environment	Operating temperature: 0° ~ +50°C (32°F ~ 122°F) Relative humidity: 10% ~ 95% @ 40°C, non-condensing
Certification	CE

\* Specification and certifications are based on options and may vary.

\*\* W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

## Ordering Information

FDK150-830-N	15" TFT open frame panel computer
FDK150-830-R	15" TFT open frame touch panel computer
50966A23040E	Power adapter, 70W, 110-230VAC to 24VDC

\* Specification and certifications are based on options and may vary.

## Optional OS Installation

Windows® XP
Windows® 7
Linux Kernel 2.6

Overview

Industrial Panel Computers & Monitors

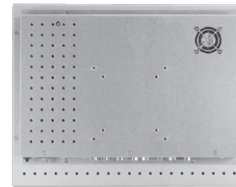
Heavy-duty Fanless Touch Panel Computers

Digital Signage Solutions

Healthcare & Medical Solutions

Open Frame Panel Computers

Accessories

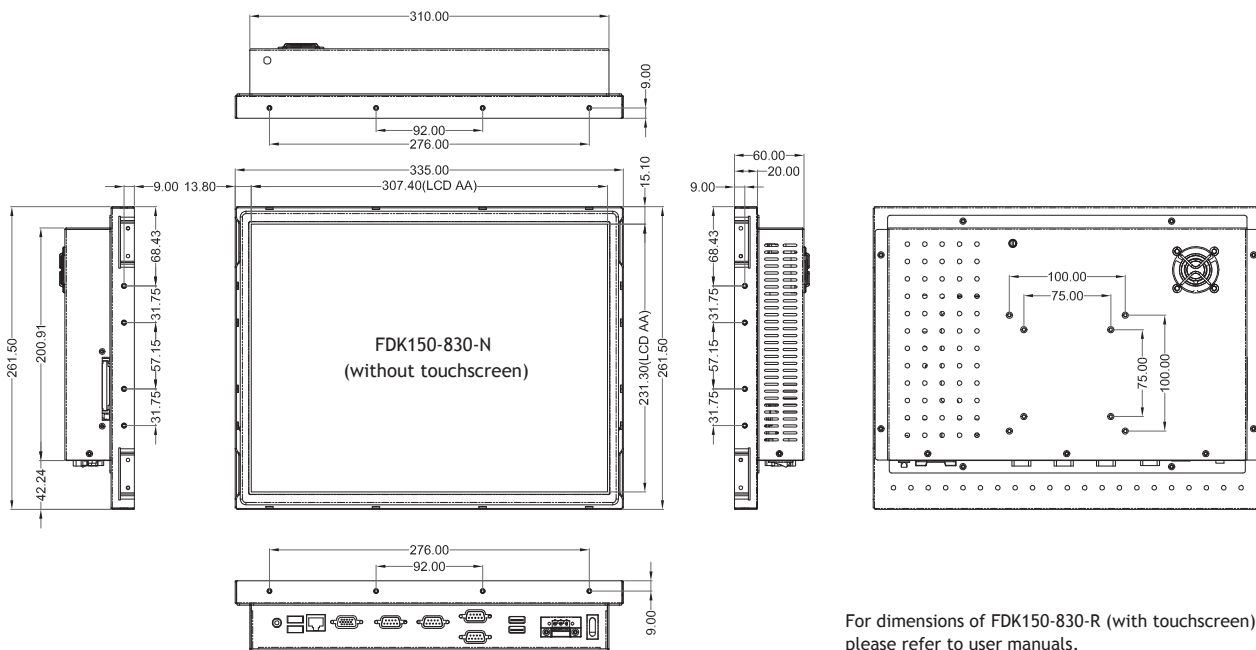


▲ Rear view



▲ Side view

## Dimensions



For dimensions of FDK150-830-R (with touchscreen), please refer to user manuals.