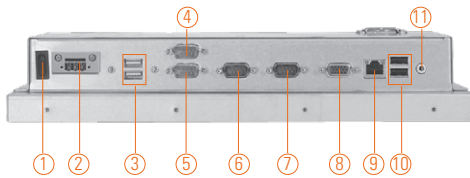
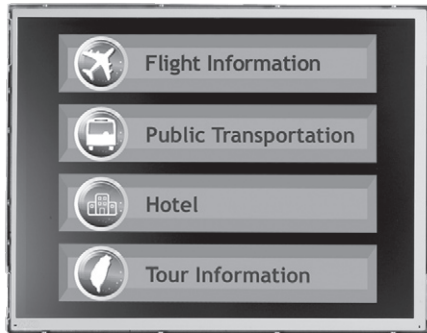
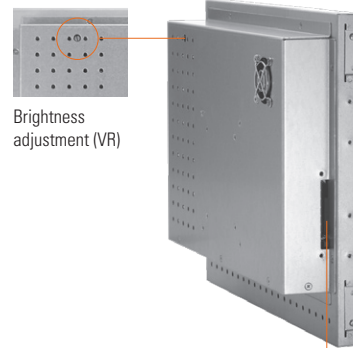


# FDK150-830

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<br>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)<br>3 x RS-232 (COM 2 - 4)<br>1 x 10/100/1000Mbps Ethernet<br>4 x USB 2.0<br>1 x Audio (Line-out)<br>1 x VGA<br>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)<br>x 261.5 mm (10.29") (H) (FDK150-830-N, without touch)<br>335 mm (13.18") (W) x 63.8 mm (2.51") (D)<br>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)<br>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

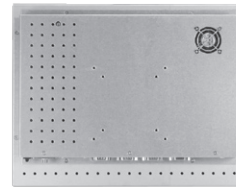
Heavy-duty Fanless Touch Panel Computers

Digital Signage Solutions

Healthcare & Medical Solutions

Open Frame Panel Computers

Accessories



▲ Rear view



▲ Side view

## Dimensions

