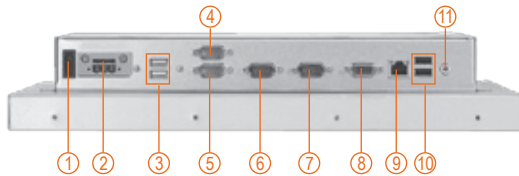


# FDK170-830

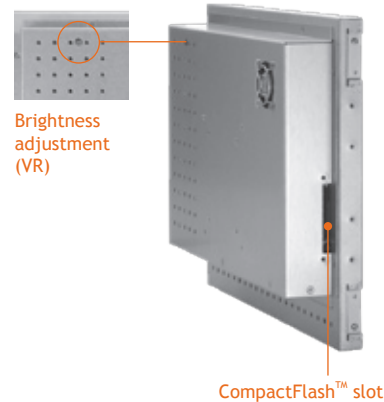
17" SXGA TFT Open Frame Panel Computer



- |                          |                           |
|--------------------------|---------------------------|
| 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)      |

## Features

- Front panel open frame design
- Outstanding configuration flexibility delivering best ROI
- 17" SXGA TFT LCD display
- Low power Intel® Atom™ processor N270 1.6 GHz
- Various touchscreen options
- Changeable front bezel
- VESA/Open frame mounting



## Introduction

The FDK170-830 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 17" LCD display with up to 1280x 1024 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 FDK170-830 is ideal for indoor kiosk, HMI automation, signage and other applications. The system is only 65mm 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 & Mini Card slot

The hidden but accessible brightness adjustment on back cover protects against end user access. One PCI Mini Card slot is standard for I/O

## Specifications

LCD Panel	Display Type	17" SXGA TFT LCD	System	1 x 200-pin DDR2 SODIMM max.	
	Brightness (cd/m <sup>2</sup> )	380 nits		Memory	up to 2 GB
	Resolution	1280 x 1024		BIOS	AMI 8 Mbit with RPL/PXE LAN boot ROM
	Viewing Angle (H/V)	160° / 130°		Storage	1 x 2.5" SATA HDD 1 x CompactFlash™
Main System	CPU	Intel® Atom™ processor N270 1.6 GHz with FSB 533 MHz	Watchdog Timer	255 levels, 0-255 sec.	
	Chipset	Intel® 945GSE+ICH7M	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)
Expansion Interface	1 x Mini Card
Touchscreen	Resistive type (optional)
Power Supply	12/24 VDC
Dimensions	367mm (14.45") (W) x 65mm (2.6") (D) x 304.5mm (11.99") (H)
Weight (net/gross)	5.52 kg (12.16 lb)/7.5 kg (12.16 lb)
Environmental	Operation temperature: 0°C ~ +50°C(32°F ~ 122°F) Relative humidity: 10% ~ 95% @ 40°, non-condensing
Certification	CE

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

## Ordering Information

FDK170-830-N	17" TFT open frame panel computer
FDK170-830-R	17" TFT open frame touch panel computer

\*Specifications and certifications are limited to optional.

## Optional OS Installation

Windows® XP

Windows® 7

Linux Kernel 2.6



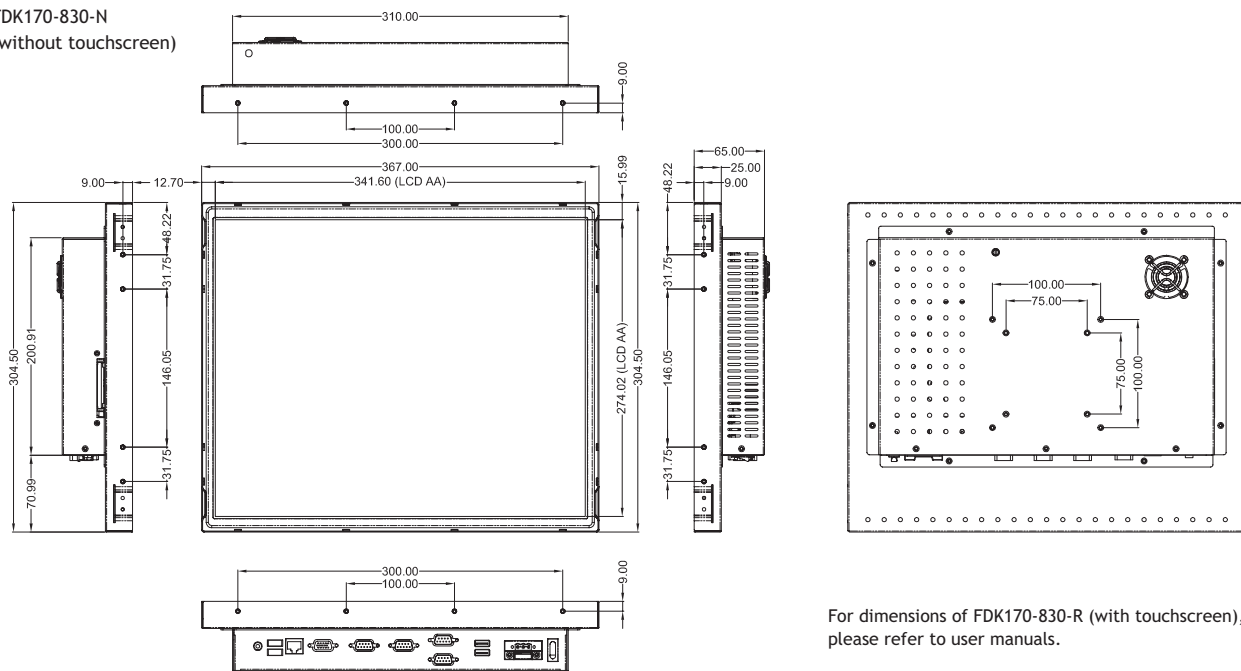
Rear view



Side view

## Dimensions

FDK170-830-N  
(without touchscreen)



For dimensions of FDK170-830-R (with touchscreen), please refer to user manuals.

Touch Panel Computers for Various Industry Applications

Digital Signage and Display Solutions

Medical Panel Computers

Medical Grade Monitors

GOT Fanless Touch Panel Computers

Touch Panel Computers for Infotainment

Touch Panel Computers for Automation

Touch Panel Monitors for Automation

Open Frame Panel Computers