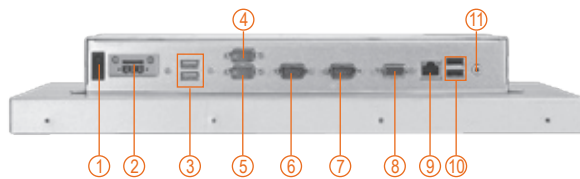


FDK190-830

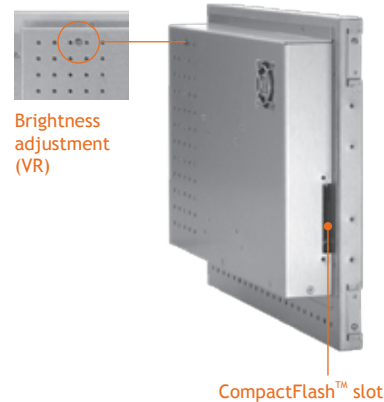
19" SXGA TFT Open Frame Panel Computer



- | | |
|--------------------------|---------------------------|
| 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
- 19" SXGA TFT LCD display
- Intel® Atom™ processor N270 1.6 GHz
- Touchscreen optional
- Changeable front bezel
- Supports VESA arm and open frame mount



Introduction

The FDK190-830 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 19" 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 FDK190-830 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 & 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.

Specifications

LCD Panel	Display Type	19" SXGA TFT LCD	System	1 x 200-pin DDR2 SO-DIMM max.	
	Brightness (cd/m ²)	250 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 PCIe Mini Card
Touchscreen	Resistive type (optional)
Power Supply	12/24 Vdc
Dimensions	404.5 mm (15.92") (W) x 65 mm (2.6") (D) x 332 mm (13.07") (H) (FDK190-830-N, without touch) 404.5 mm (15.92") (W) x 69.8 mm (2.74") (D) x 332 mm (13.07") (H) (FDK190-830-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)	5.82 kg (12.83 lb)/7.86 kg (17.32 lb)
Environment	Operating temperature: 0° C ~ +50° C(32° F ~ 122° F) Relative humidity: 10% ~ 95% @ 40°, 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

FDK190-830-N	19" TFT open frame panel computer
FDK190-830-R	19" TFT open frame touch panel computer
50966A23040E	Power adapter, 70W, 110-230V _{ac} to 24V _{dc}

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

Optional OS Installation

- Windows® XP
- Windows® 7
- Linux Kernel 2.6

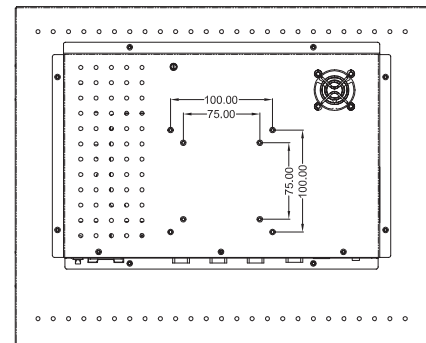
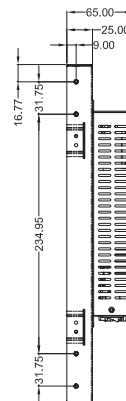
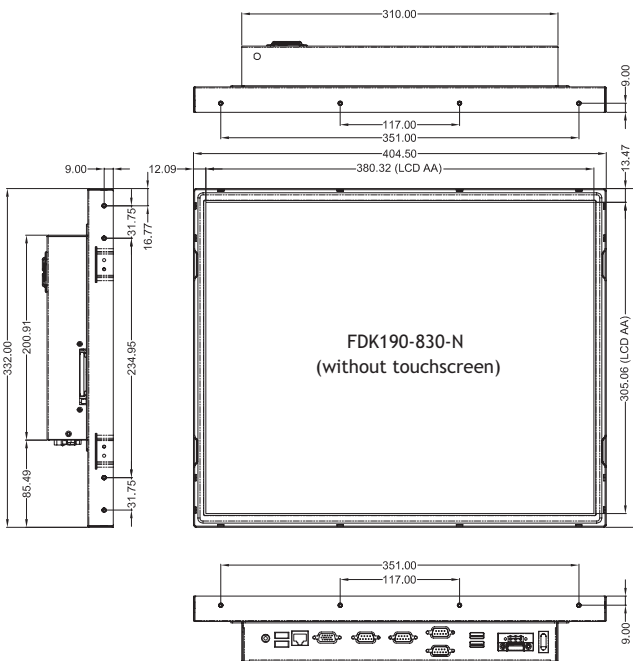


Rear view



Side view

Dimensions



For dimensions of FDK190-830-R (with touchscreen), please refer to user manuals.

Overview

Industrial Panel Computers & Monitors

Heavy-duty Fanless Touch Panel Computers

Digital Signage Solutions

Healthcare & Medical Solutions

Open Frame Panel Computers

Accessories