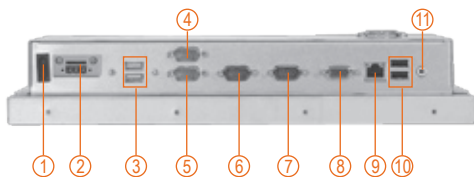
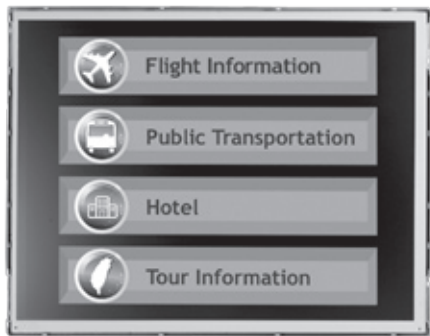


FDK150-830

15" XGA TFT Open Frame Panel Computer

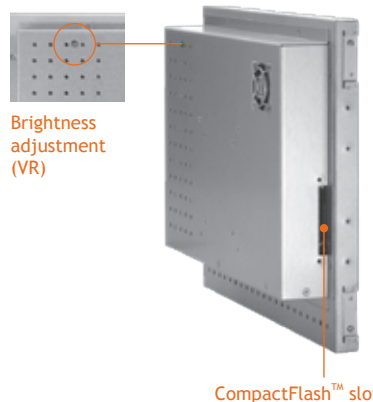


- 1. Power switch (ATX)
- 2. Power input connector
- 3. USB 2.0 x 2
- 4. COM 4 (RS-232)
- 5. COM 3 (RS-232)
- 6. COM 1 (RS-232/422/485)
- 7. COM 2 (RS-232)
- 8. VGA
- 9. Ethernet
- 10. USB 2.0 x 2
- 11. Audio (Line-out)



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



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.

Specifications

| | | | | | |
|-------------|---------------------------------|--|------------------|-----------------------------|---|
| LCD Panel | Display Type | 15" XGA TFT LCD | System | Memory | 1 x 200-pin DDR2 SODIMM max. up to 2 GB |
| | Brightness (cd/m ²) | 250 nits | | BIOS | AMI 8 Mbit with RPL/PXE LAN boot ROM |
| | Resolution | 1024 x 768 | | Storage | 1 x 2.5" SATA HDD 1 x CompactFlash™ |
| | Viewing Angle (H/V) | 160° / 130° | | Watchdog Timer | 255 levels, 0-255 sec. |
| Main System | CPU | Intel® Atom™ processor N270 1.6 GHz with FSB 533 MHz | Onboard Graphics | Integrated in Intel® 945GSE | |
| | Chipset | Intel® 945GSE + ICH7M | | | |

| | |
|---------------------|--|
| 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 | 335 mm (13.18") (W) x 60 mm (2.36") (D) x 261.5 mm (10.29") (H) |
| Weight (net/gross) | 3.84 kg (8.46 lb)/6.16 kg (13.58 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.

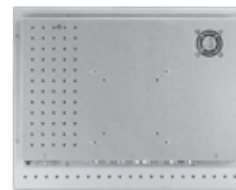
Ordering Information

| | |
|--------------|---|
| FDK150-830-N | 15" TFT open frame panel computer |
| FDK150-830-R | 15" TFT open frame touch panel computer |

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

Optional OS Installation

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



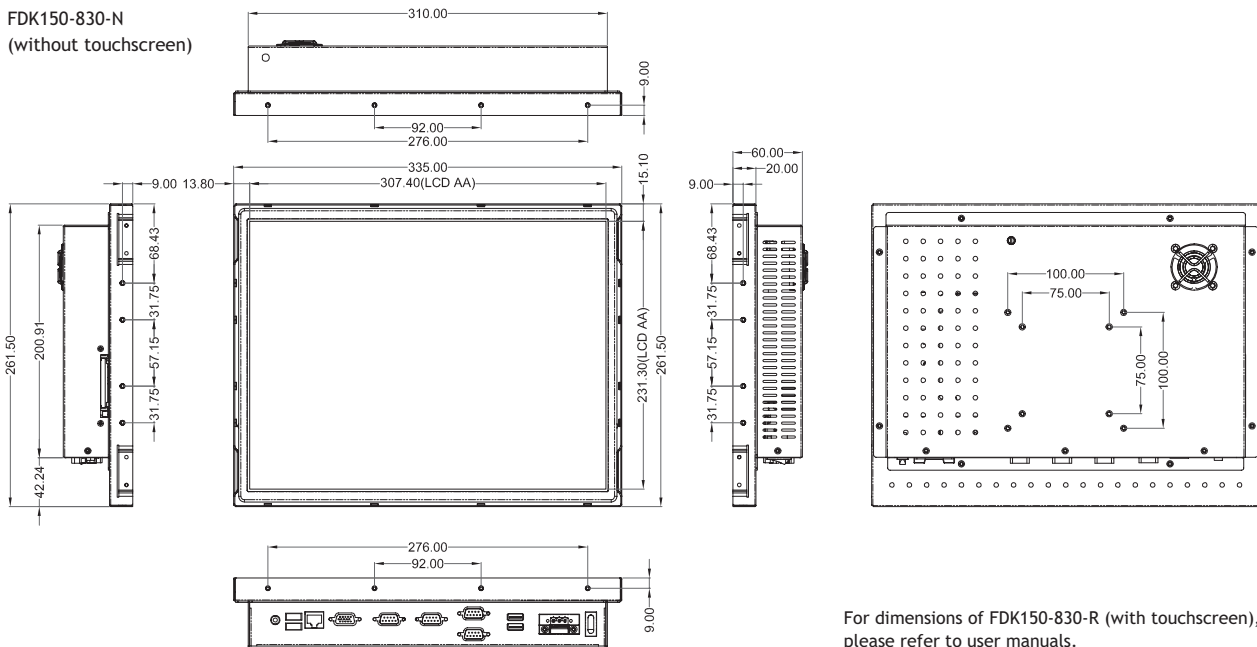
Rear view



Side view

Dimensions

FDK150-830-N
(without touchscreen)



For dimensions of FDK150-830-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

Accessories