

FDK191-832

19" SXGA TFT Open Frame Panel Computer with Intel® Atom™ Processor D2550

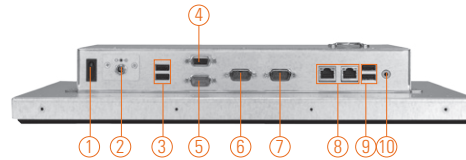
Features

- Front panel open frame design
- 19" SXGA TFT LCD display
- Intel® Atom™ processor D2550 1.86 GHz
- Touchscreen (optional)
- Changeable front bezel
- Supports VESA arm and open frame mount



CompactFlash™ slot

▲ Rear view



1. Power switch (ATX)
2. 1 x 12VDC power input connector or 24V DC phoenix connector
3. 2 x USB 2.0
4. 1 x VGA
5. COM 3 (RS-232)
6. COM 1 (RS-232/422/485)
7. COM 2 (RS-232)
8. 2 x Ethernet (RJ-45)
9. 2 x USB 2.0
10. 1 x Audio (Line-out)



Introduction

The FDK191-832 is an open frame panel computer with outstanding flexibility, configurable in many ways to deliver best ROI for a variety of applications. It features Intel® Atom™ processor D2550 1.86 GHz with a 19" LCD display supporting up to 1280 x 1024 resolution to provide 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 FDK191-832 is ideal for indoor kiosk, HMI automation, signage and other applications. The system is only 65 mm deep and provides narrow bezel widths of 13-15 mm 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 & PCI Express Mini Card slot

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

Specifications

LCD Panel	Display Type	19" SXGA TFT LCD
	Brightness (cd/m ²)	250 nits
	Resolution	1280 x 1024
	Viewing Angle(H/V)	170°/160°
Main System	CPU	Intel® Atom™ processor D2550 1.86 GHz with FSB 533 MHz
	Chipset	Intel® NM10 Express
	System Memory	1 x 204-pin DDR3-800/1066 SO-DIMM, up to 4GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™
	Watchdog Timer	255 levels, 0-255 sec.
	Onboard Graphics	Integrated GFX

Specifications

I/O Connector	1 x RS-232/422/485 (default RS-232; COM 1) 2 x RS-232 (COM 2/3) 2 x 10/100/1000 Mbps Ethernet (Realtek RTL8111E) 4 x USB 2.0 1 x Audio (Line-out) 1 x VGA 1 x VR (brightness adjustment)
Expansion Interface	1 x PCI Express Mini Card slot
Touchscreen	Resistive type (optional)
Power Supply	12/24 VDC
Dimensions	404.5 mm (15.92") (W) x 63.3 mm (2.49") (D) x 332 mm (13.07") (H)
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)
Weight (net/gross)	6 kg (13.23 lb)/ 8.06 kg (17.77 lb)
Environment	Operating temperature: 0°C ~ +50°C (+32°F ~ +122°F) Relative humidity: 10~90%@40°C, non-considering
Certificate	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

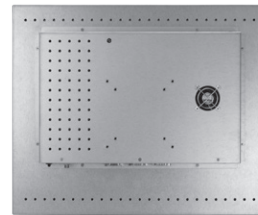
FDK191-832-R-DC	19" SXGA open frame touch panel computer with Intel® Atom™ processor D2550, 5-wire resistive touch screen, and 12 or 24 VDC power input (terminal block connector)
FDK191-832-N-DC	19" SXGA open frame panel computer with Intel® Atom™ processor D2550 and 12 or 24 VDC power input (terminal block connector)
50966A23040E	Power adapter, 70 W, 110-230 VAC to 24 VDC

* Specifications and certifications may vary contingent on options.

Optional OS Installation

Windows® 7

WEBS



▲ Rear view



▲ Side view

Dimensions

