

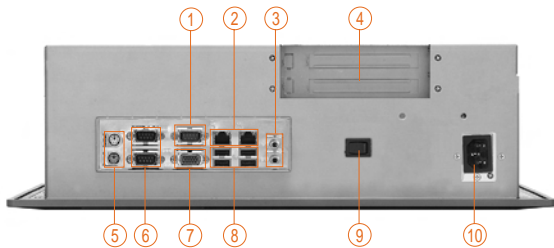
# PANEL1151-807/PANEL1151FL-807

15" TFT Cost-effective Panel Computer w/ Intel® Pentium® M Processor

15" TFT Fanless Panel Computer w/ Intel® Celeron® M 1GHz Processor Onboard



- 1. SEL-
- 2. SEL+
- 3. Backlight on/off



- 1. COM 3
- 2. LAN (RJ-45)
- 3. Mic-in, Lin-out
- 4. PCI slots x 2
- 5. PS2 x 2 (KB/MS)
- 6. COM 1 & 2
- 7. VGA
- 8. USB 2.0 x 4
- 9. Power switch
- 10. AC power

## Features

- ▶ Supports socket 478 Intel® Pentium® M processor
- ▶ Various I/O ports: 4 x USB 2.0 and 2 x LAN
- ▶ Supports two PCI slots
- ▶ Supports embedded O.S: Windows® CE.NET and Windows® XP Embedded
- ▶ Supports AC & DC power supply
- ▶ NEMA 4/IP 65 Compliant front panel
- ▶ Supports desktop/panel/rackmount



Side view

## Introduction

The PANEL1151-807 is a 15" expandable panel computer equipped with 2 PCI slots for easy-to-maintain purpose. It is equipped with Intel® Pentium® M and ULV Intel® Celeron® M 1GHz processors onboard which deliver outstanding computing performance and low power consumption. In addition, the PANEL1151-807 supports both fan or fanless operation mode for a variety of industry needs including industrial machinery, measurement control and monitoring systems.

### Easy to expand and fanless cooling system supported

The PANEL1151-807 provides 2 PCI slots for easy-to-maintain purpose. Users

can easily plug in standard half size PCI cards such as communication, motion and serial cards for different applications. Besides, the PANEL1151-807 also features ULV Celeron® M 1GHz processor onboard and fanless cooling system for rugged environments which demand high performance and reliability platform.

### Most reliable and stable design

Powered by low power Intel® Pentium® M processor, the PANEL1151-807 delivers high computing performance for applications of transportation, industrial machinery and control server.

## Specifications

LCD Panel	LCD Panel	15" XGA TFT
	Brightness	260 nits
	Resolution	1024 x 768 pixels
	Viewing Angle	Vertical: 100°; Horizontal: 120°
Main System	Main Board	SBC86807
	CPU	Socket 478 for Intel® Pentium® M/ Celeron® M processors with FSB 400 MHz (PANEL1151-807) Intel® Celeron® M 1 GHz processor onboard (PANEL1151FL-807)
	Chipset	Intel® 852GM+ICH4

System Memory	System Memory	1 x 184-pin DDR DIMM max. up to 1GB
	BIOS	Phoenix-Award 4Mbit with RPL/ PXE LAN Boot ROM, SmartView and customer CMOS backup
SSD	SSD	CompactFlash™ Type-II Socket
Watchdog Timer	Watchdog Timer	Reset supported; 255 levels
Serial Port	Serial Port	RS-232 x 3 +5V/+12V power output capability by pin 1 and pin 8, selectable via jumper setting

	PS/2 Interface	PS/2 keyboard/mouse x 2
	Hard Disk Drive	1 x 3.5" HDD or 2 x 2.5" HDD (optional)
	USB	4 x USB ports, USB2.0 compliant
	Ethernet	1 x 10/100 Base-T with WOL 1 x 10/100/1000 Base-T with WOL
I/O Connectors	D-Sub 9-pin x 3 (male) for RS-232 PS/2 x 2 for keyboard and mouse RJ-45 x 2 for Ethernet USB 2.0 connector x 4 D-Sub 15-pin x 1 (female) for S-VGA output Line-out/Mic-in	
Power Supply	PANEL1151-807: AC 90~230V, 180W or DC 24V, 120W PANEL1151FL-807: AC 90~230V, 120W or DC 24V, 120W	
Touchscreen	Resistive	
Dimensions	450mm (17.72")(W) x 135.9mm (5.35")(D) x 365mm (14.37")(H)	
Weight	8.8 kg (19.4 lb)	
Environmental	Operation temperature: 0°-45°C (32° -113°F) Relative humidity: 10-95% @ 40°C, non-condensing Operation Vibration: 1.0G, 5~500Hz, random	

## Optional EOS Installation

Windows® XP Embedded  
Windows® CE.NET

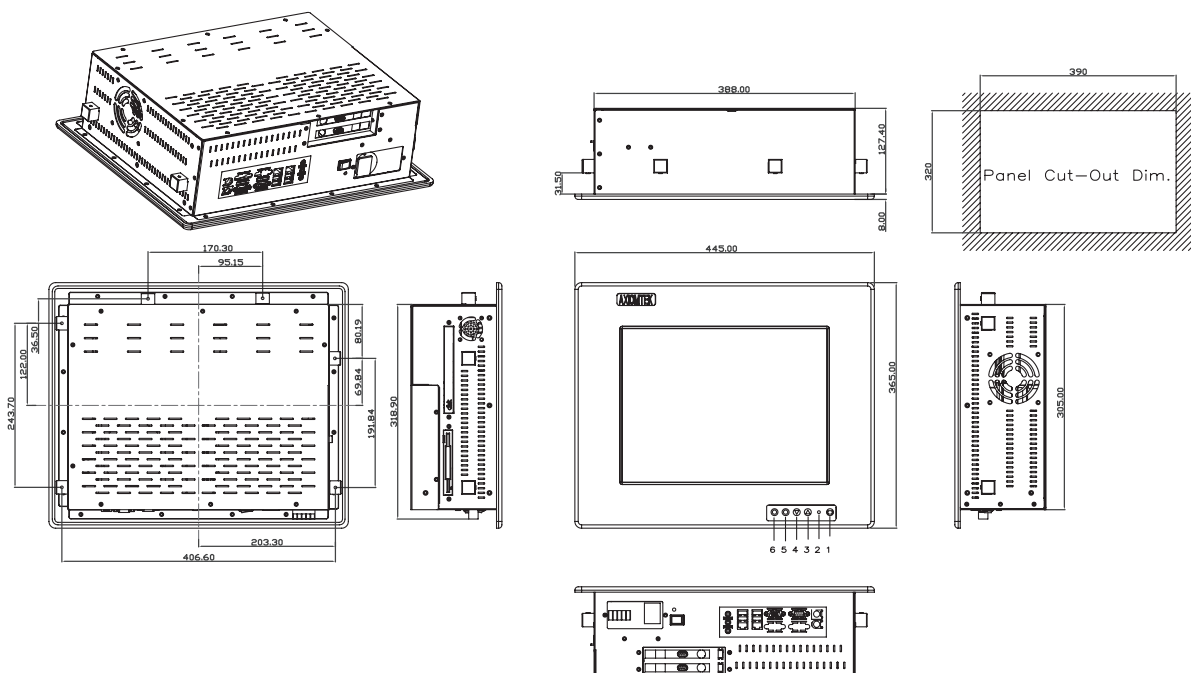
## Optional OS Installation

Windows® 95/98  
Windows® NT/2000/XP  
Linux Kernel 2.4

## Ordering Information

PANEL1151FL-807	15" TFT fanless panel computer with Intel® Celeron® M 1GHz processor onboard
PANEL1151-807	15" TFT panel computer
72115102200E*2	P1151 series rackmount kit
72115101600E	P1151 series 2.5" HDD kit
82211510170E	P1151 series slim FDD kit

## Dimensions



Medical Panel Computers

PANEL2000 Slim Client Panel Computers

VTA Series

GOT Fanless Touch Panel Computers

PANEL 1000/5000 Industrial Panel Computers

Industrial Workstations

PANEL6000 Industrial Flat Panel Monitors