

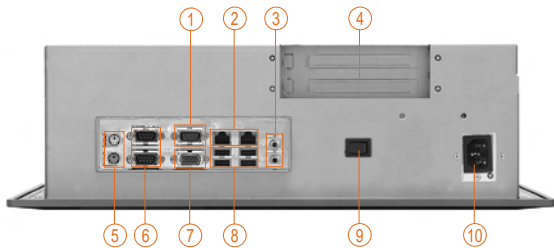
PANEL1151-807/PANEL1151FL-807

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

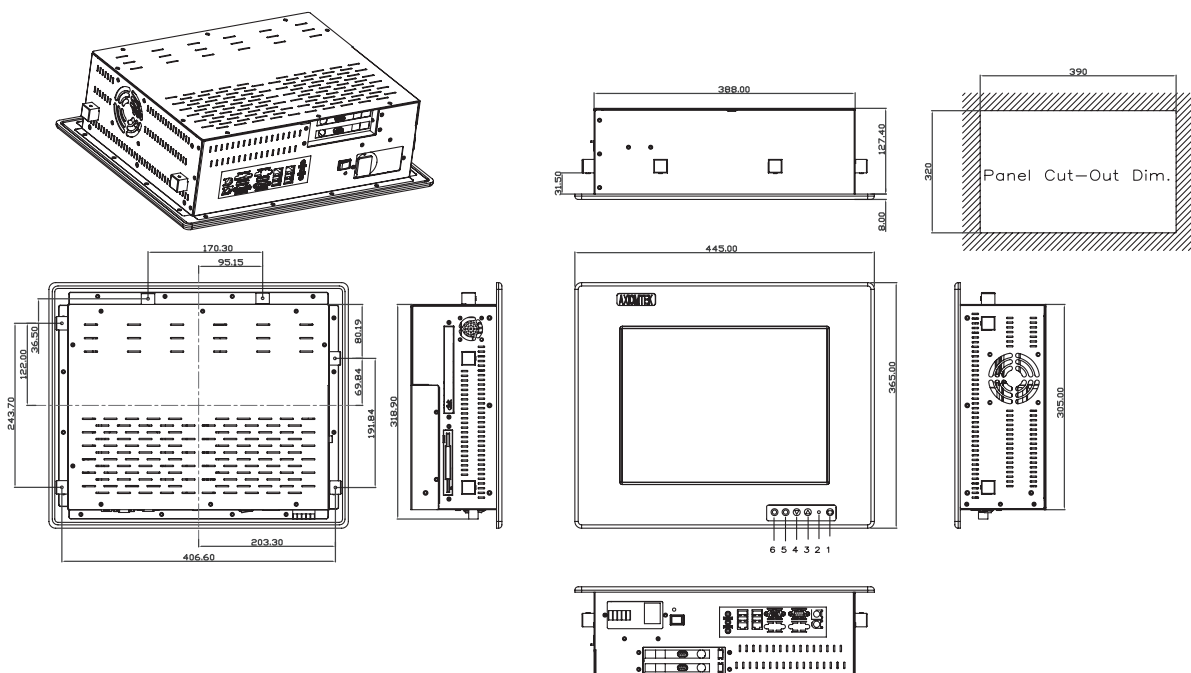
Optional OS Installation

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