# IPPC-9151G IPPC-9151F

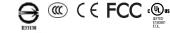
## 15" XGA TFT LCD Pentium® 4 Industrial Panel PC with 2 x PCI Slots

15" XGA TFT LCD Pentium® 4 Industrial Panel PC with 2 x PCI Slots and Flat-sealed Front Panel



#### **Features**

- Intel® Pentium® 4 processors up to 2.8 GHz
- 15" XGA TFT LCD provides vivid, sharp and large images
- Offers two expansion slots for PCI add-on cards
- Front access USB connector
- · Heavy-duty stainless steel chassis with aluminum front panel
- Strengthened glass protects the front panel from shock damage and is NEMA4/IP65 compliant
- Built-in FDD and CD-ROM support one 3.5" HDD Drive bat
- Hard anodic coating to prevent panel abrasion and acid corrosion
- Supports industrial mounting rack and panel mounting
- Supports resistive touchscreen (Optional)



### Introduction

IPPC-9151G is a fully functional computer system with support for CPUs of different classes (Pentium 4 up to 2.8 GHz) and resolution up to 1024 x 768 to meet the demands of today's high-end industrial software. IPPC-9151G is a rugged unit with an aluminum panel, tempered glass 15" TFT LCD, a stainless steel structure and two expansion slots. IPPC-9151G is rugged enough to handle the toughest industrial operating environments. With optional mounting accessories, from panels to racks, it can be mounted anywhere. There is also IPPC-9151F, which has a flat-sealed front panel for easier cleaning and liquid run-off, which is suitable for tough hygiene requirements in food & beverage manufacturing.

## **Specifications**

#### General

■ BIOS Award® 256 KB Flash BIOS
■ Certifications BSMI, CCC, CE, FCC, UL

Cooling System 2 x 10.1 CFM fans w/50,000 hrs MTBF
 Dimensions (W x H x D) 428 x 310 x 162 mm (16.85" x 12.2" x 6.37")

Disk Drive Bay
 Supports one 3.5" HDD and build-in slim type CDROM

& FDI

• **Enclosure** Stainless steel back case, 10 mm aluminum front panel

Mounting Panel, rack

Power Input
 100 ~ 240 V<sub>AC</sub> @ 50 ~ 60 Hz, 4-2 A
 Power Output
 + 5 V @ 15 A, +12 V @ 5 A, -12 V @ 0.5 A

Power Supply
 180 W, MTBF: 100,000 hrs

• Weight (Gross) 13 kg (28.66lb)

#### **System Hardware**

Audio Ports
 Mic-in, Line-in, Line-out, and game port

Chipset Intel 845 GV

• CPU Socket 478 Intel Pentium 4 up to 2.8 GHz Intel Celeron® up to 2.5 GHz (400/533 MHz)

**Expansion Slots** 2 x low-profile PCI

IEEE-1394 Ports
 Keyboard/Mouse
 X PS/2 mouse and keyboard interface

**LAN** 1 x 10/100Base-T

 Memory Two 184 pin DDR DIMM sockets supports up to 2 GB (Clock 266)

Parallel Ports
 1 x standard parallel port

1 x enhanced parallel port, supports SPP/EPP/ECP

parallel mode

BIOS configurable to LPT1, LPT2, LPT3 or disabled

• PCMCIA Slots 2 x Type II

Serial Ports
 USB Ports
 1 x RS-232, 1 x RS-232/422/485
 5 x USB 2.0 (one at front)

Video Ports S-Video

#### **LCD Display**

Backlight Life
 Contrast Ratio
 Display Size
 Display Type
 XGA TFT LCD

Luminance 350 cd/m²
 Max. Colors 262K,144K
 Max. Resolution 1024 x 768

OSD Control
 LCD ON/OFF, Brightness drop, up

• Viewing Angle (H/V°) 120/100

#### **Touchscreen (Optional)**

Interface USB

• **Lifespan** 10 million touches at single point

Light Transmission 80%

OS Support
 Type
 Windows 95/98/2000/XP, Linux
 Analog resistive (8-wire)

#### **Environment**

IPPC-9151F-RAE

• **Humidity** 5 ~ 85% @ 40° C (non-condensing)

Ingress Protection Front panel: NEMA4/IP65 Operating Temperature  $0 \sim 50^{\circ}$  C  $(32 \sim 122^{\circ}$  F) Storage Temperature  $-20 \sim 60^{\circ}$  C  $(-4 \sim 140^{\circ}$  F)

• Vibration Protection 5 ~ 500 Hz, 1 G<sub>RMS</sub> random vibration

## **Ordering Information**

• IPPC-9151G-XAE 15" XGA TFT LCD Pentium 4 Industrial Panel PC with

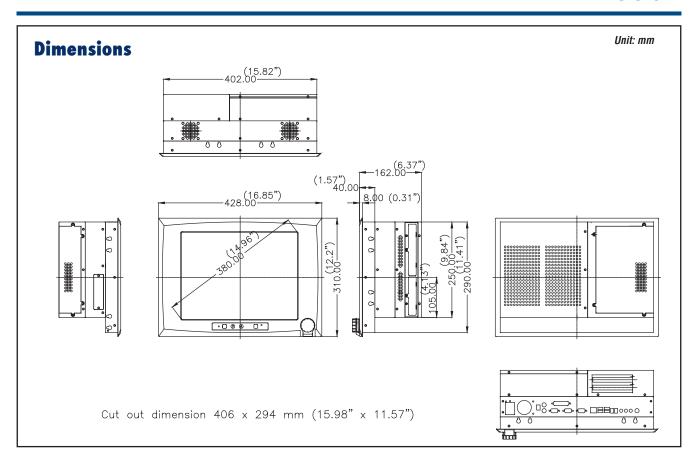
2 x PCI Slots

■ IPPC-9151G-RAE IPPC-9151G-XAE with resistive touchscreen

• IPPC-9151F-XAE 15" XGA TFT LCD Pentium 4 Industrial Panel PC with

2 x PCI Slots and flat-sealed front panel IPPC-9151F with resistive touchscreen

Industrial Panel PC's



## **Accessories**

■ IPPC-9151G-RMKE Mounting kit for standard 19" industrial rack

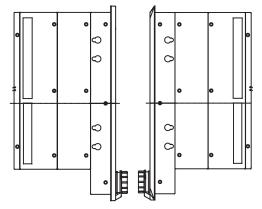
#### Notes:

1. When used in a panel mounted environment, the panel's thickness can not be over 10 mm.

**1702002600** Power Cable US Plug 1.8 M **1702002605** Power Cable EU Plug 1.8 M **1702031801** Power Cable UK Plug 1.8 M

**1702031836** Power Cable China/Australia Plug 1.8 M

## Flat-Sealed Front Panel (IPPC-9151F-XAE)



The flat-sealed front panel of IPPC-9151F-XAE (shown above left), is designed for minimum projection in panel mounts. This ensures easier liquid run-off, prevents dirty edges, and is useful in applications where hygiene is crucial (e.g. food processing).