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

Enclosure Stainless steel back case, 10 mm aluminum front panel - Mounting Panel, rack

 $100 \sim 240 \ V_{AC} @ 50 \sim 60 \ Hz, \ 4\text{--}2 \ A$ Power Input Power Output + 5 V @ 15 A, +12 V @ 5 A, -12 V @ 0.5 A

180 W, MTBF: 100,000 hrs Power Supply

• 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 2 x IEEE 1394 ports (Firewire) Keyboard/Mouse 1 x PS/2 mouse and keyboard interface

IAN 1 x 10/100Base-T

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

 Parallel Ports 1 x standard parallel port

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

BIOS configurable to LPT1, LPT2, LPT3 or disabled

 PCMCIA Slots 2 x Type II

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

Video Ports S-Video

LCD Display

 Backlight Life 50.000 hrs **Contrast Ratio** 400:1 Display Size 15" 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

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

Environment

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

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

Vibration Protection 5 ~ 500 Hz, 1 G_{RMS} random vibration

Ordering Information

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

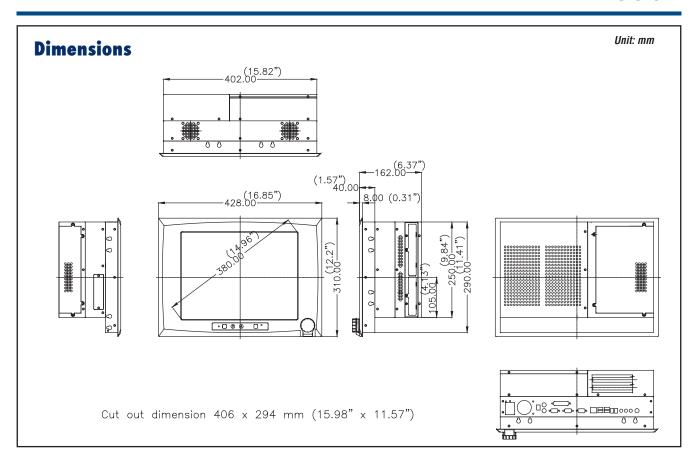
2 x PCI Slots

■ 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 IPPC-9151F-RAE



Accessories

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

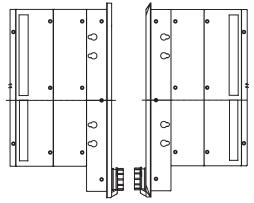
Notes:

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).