IPPC-9171G

Rugged Intel® Pentium® 4 / Celeron® Industrial Panel PC with 17" LCD

NEW

Features

- Intel® Pentium® 4 processor up to 2.8 GHz
- 17" SXGA TFT LCD provides vivid, sharp and large images
- Offers two expansion slots for PCI add-on cards
- Heavy-duty stainless steel chassis with aluminum front panel
- Strengthened glass protects the front panel from shock damage and is NEMA4/IP65 compliant
- Front access USB connector
- Hard anodic coating to prevent panel abrasion and acid corrosion
- Supports industrial mounting rack and panel mounting

T33138   CCC   CE   FCC   c UL us LISTED E100801 I.T.E.

Introduction

The IPPC-9171G is an Industrial Panel PC with support for Pentium® 4 processors to meet the demands of today's applications. The IPPC-9171G is a rugged unit with an aluminum panel, tempered glass, 17" TFT LCD, a stainless steel structure and two expansion slots. The IPPC-9171G is rugged enough to handle the toughest industrial operating environments.

With optional mounting accessories from panels to racks, it can be mounted almost anywhere.

Specifications

General

- **BIOS** — Award® 256KB Flash BIOS
- **Certifications** — CCC, CE, FCC, UL, BSMI
- **Cooling System** — 2 x 10.1 CFM fans w/50,000 hrs MTBF
- **Dimensions (WxHxD)** — 482 x 354.8 x 162 mm (18.97" x 13.96" x 6.37")
- **Disk Drive Bay** — Supports one 3.5" HDD and slim size CD-ROM built in FDD
- **Enclosure** — Stainless steel back housing 10 mm thick aluminum front panel
- **Mounting** — Panel, rack
- **Power Input** — 100 ~240 V_{AC} @ 50 ~ 60 Hz, 2 A
- **Power Output** — + 5 V @ 15 A, +12 V @ 5 A, -12 V @ 0.5 A
- **Power Supply** — 180 W, MTBF: 200,000 hrs
- **Weight (Gross)** — 13 kg (28 lb)

System Hardware

- **Audio Ports** — Mic-in, Line-in, Line-out, and game port
- **Chipset** — Intel® 845GV
- **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
- **LAN** — 1 x 10/100Base-T
- **Memory** — Two 184 pin DDR DIMM sockets supports up to 2 GB (Clock 266)
- **Parallel Port** — 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** — 1 x RS-232, 1 x RS-232/422/485
- **USB Ports** — 4 x USB 2.0
- **Video Port** — S-Video

LCD Display

- **Backlight Life** — 50,000 hrs
- **Contrast Ratio** — 450:1
- **Display Size** — 17"
- **Display Type** — SXGA TFT LCD
- **Luminance** — 260 cd/m²
- **Max. Colors** — 16.2 M (RGB 6-bit + FRC data)
- **Max. Resolution** — 1280 x 1024
- **OSD Control** — LCD ON/OFF, Brightness down, up
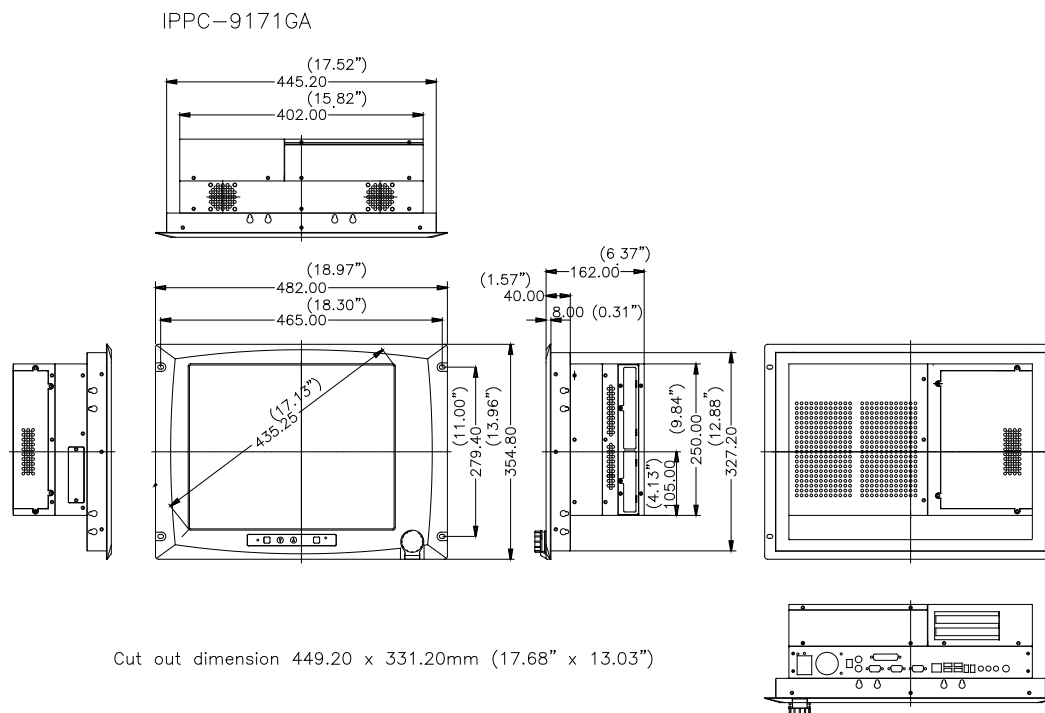- **Viewing Angle (H/V°)** — 140/130

Touchscreen (Optional)

- **Interface** — USB
- **Lifespan** — 1 million touch lifetime at the single point
- **Light Transmission** — 75%
- **OS Support** — MS-DOS, Windows 95/98/NT/2000/XP, Linux
- **Type** — Analog resistive (8-wire)

Environment

- **Humidity** — 5 ~ 85% RH @ 40° C (non-condensing)
- **Ingress Protection** — Front panel: NEMA4/IP65
- **Operating Temperature** — 0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature** — -20 ~ 60° C (-4 ~ 140° F)
- **Vibration Protection** — 5 ~ 500 Hz, 1 G_{RMS} random vibration (Operating)

IPPC-9171G

1	Software
2	IPPC
3	TPC
4	FPM
5	ATM & AWS
6	DA&C
7	cPCI
8	ADAM-3000
9	Motion Control
10	ICOM
11	Industrial Networking
12	UNO
13	ADAM-4000
14	ADAM-5000
15	ADAM-6000
16	ADAM-8000
17	BAS

Dimensions

Unit: mm

IPPC—9171GA

Cut out dimension 449.20 x 331.20mm (17.68" x 13.03")

Ordering Information

- **IPPC-9171G-XA**   Rugged Pentium® 4 Industrial Panel PC with 17" LCD, 180 W AC power supply, slim FDD. Stainless steel chassis and aluminum front panel
- **IPPC-9171G-RA**   IPPC-9171G-XA with resistive touchscreen

Accessory

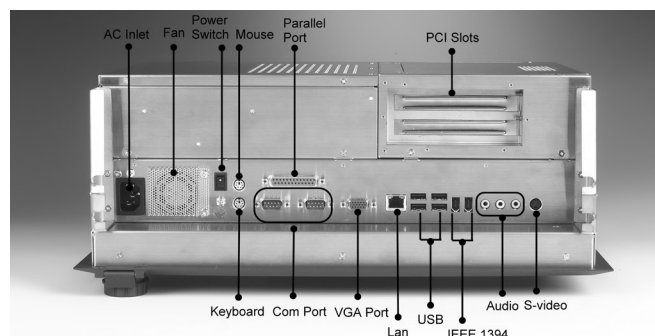- **CDR-9151-COMBO**   Slim type Combo CD-ROM

Notes:

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

2. 4 mm stainless front panel supported by request

Back View

Bottom View