IPPC-9150G

Rugged Pentium® III Industrial Panel PC with 15" LCD

Features

- Pentium® III processors up to 1.26 GHz and Celeron® processors up to 1.2 GHz
- 15" XGA TFT LCD provides vivid, sharp and large images
- Offers two expansion slots for PCI/ISA 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
- Back door with lock allows easy maintenance and optimal security
- Support for optional PCMCIA wireless LAN adapter accessory
- Hard anodic coating to prevent panel abrasion and acid corrosion
- Supports industrial mounting rack and panel mounting

Introduction

The IPPC-9150G is a fully functional computer system with support for CPUs of different classes (Pentium III up to 1.26 GHz & Celeron up to 1.2 GHz) to meet the demands of today's industrial software. The IPPC-9150G is a rugged unit with an aluminum panel, tempered glass 15" TFT LCD, a stainless steel structure and two expansion slots. The IPPC-9150G is rugged enough to handle the toughest industrial operating environments. With optional mounting accessories, from swing arm to panels to racks, it can be mounted anywhere.

Specifications

General

- **BIOS** — Award® 256 KB Flash BIOS
- **Certifications** — BSMI, CCC, CE, FCC, UL
- **Cooling System** — 2 x 15.6 CFM fans w/50,000 hrs MTBF
- **Dimensions (W x H x D)** — 402 x 302 x 127 mm (15.8" x 11.9" x 5")
- **Disk Drive Bay** — Supports one 2.5" HDD, and built-in slim type CDROM
- **Enclosure** — Stainless steel back case, 10 mm aluminum front panel
- **Mounting** — Panel, swing-arm, rack
- **Power Input** — 100 V_{AC} ~240 V_{AC} @ 47 ~ 63 HZ
- **Power Output** — + 5 V @ 15 A, +12 V @ 5 A
- **Power Supply** — 100 W, MTBF: 200,000 hrs
- **Watchdog Timer** — 62-level, interval 1 ~ 62 seconds
- **Weight (Gross)** — 10 kg (22 lb)

System Hardware

- **Chipset** — VT82C686B
- **CPU** — Socket 370, Intel® Pentium III up to 1.26 GHz, Intel Celeron up to 1.2 GHz
- **Expansion Slots** — 2 x low-profile PCI, or 1 x low-profile PCI and 1 x half-size ISA
- **LAN** — 1 x 10/100Base-T
- **Memory** — 2 x DIMM sockets support up to 1 GB SDRAM
- **Parallel Ports** — 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** — 3 x RS-232 (COM1, 3, and 4). 1 x RS-232/422/485 (COM2). All ports are compatible with 16C550 UARTs.
- **USB Ports** — 2 x USB 1.1

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** — 262,144
- **Max. Resolution** — 1024 x 768
- **OSD Control** — None
- **Viewing Angle (H/V°)** — 120/100

Touchscreen (Optional)

- **Interface** — RS-232 (through COM4)
- **Lifespan** — 1 million touches at single point
- **Light Transmission** — 75%
- **OS support** — MS DOS, Windows® 95/98/NT/2000/XP
- **Type** — Analog resistive (8-wire)
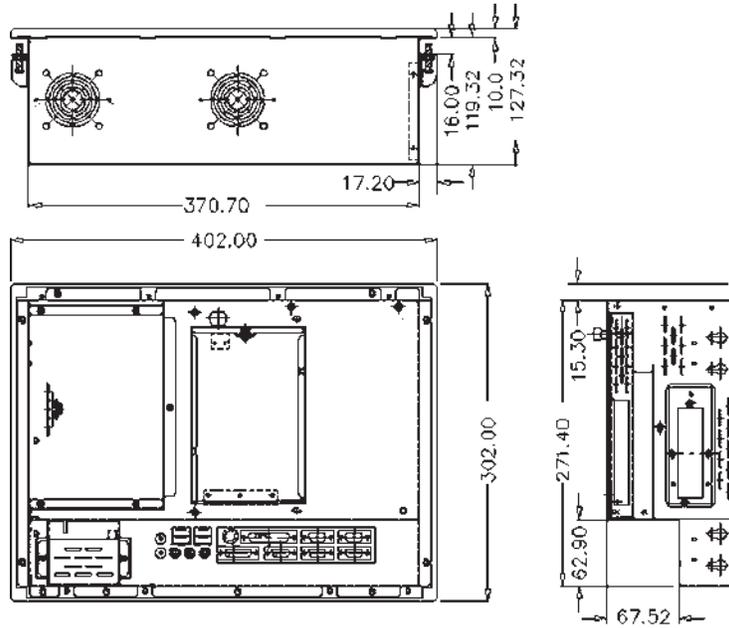
Environment

- **Humidity** — 5 ~ 85% @ 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

Ordering Information

- **IPPC-9150G-XAE** — Rugged Pentium III/Celeron Industrial Panel PC with 15" LCD
- **IPPC-9150G-RAE** — IPPC-9150G-XAE with Resistive Touchscreen

Dimensions

Unit: mm

Cut-out dimensions: 374 x 275 mm

Accessories

- **IPPC-9150 Stand** — Stand kit for IPPC-9150/9120 series product
- **IPPC-9150 S-ARM** — Swing arm for IPPC-9150/9120
- **IPPC-9150RACKMT** — Mounting kit for standard 19" industrial rack
- **CDR-9150-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.