

IPPC-9150

Rugged Pentium® III/Celeron® Industrial Panel PC with 15" LCD



Features

- Socket 370 CPU structure supports Pentium® III processors up to 1.26 GHz and Celeron® processors up to 1.3 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

Introduction

The IPPC-9150 is a fully functional computer system with support for CPUs of different classes (Pentium® III up to 850 MHz & Celeron® up to 700 MHz) to meet the demands of today's industrial software. The IPPC-9150 is a rugged unit with an aluminum panel, tempered glass 15" TFT LCD, a stainless steel structure and two expansion slots. The IPPC-9150 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

- **Main Structure** Stainless steel back case, 10 mm thick aluminum front panel meets NEMA4/IP65 protection standard
- **Disk Drive Housing** Supports one 2.5" HDD, one slim size CD-ROM and one slim size FDD
- **Cooling Fans** Flow rate: 15.6 CFM x 2
MTBF: 50,000 hrs
- **Power Supply** 80 W
Input voltage: 85 V_{AC} ~ 264 V_{AC} @ 47 ~ 63 Hz
Output voltage: + 5 V @ 12 A, + 12 V @ 1.0 A
MTBF: 200,000 hrs
- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Relative Humidity** 5 ~ 85% @ 40° C (non-condensing)
- **Vibration (operation)** 5 ~ 500 Hz 1 G RMS Random Vibration
- **Certifications** CCC, CE, FCC, BSMI, UL
- **Dimensions (W x H x D)** 402 x 302 x 127 mm (15.8" x 11.9" x 5")
- **Gross Weight** 10 kgs (22 lbs)

Standard PC Functions

- **CPU Support** Socket 370 Intel Pentium® III up to 1.26 GHz/ Celeron® up to 1.3 GHz
- **Chipset** VT82C686B
- **BIOS** Award® Flash BIOS 2 MB
- **RAM** Two DIMM socket supports up to 512 MB SDRAM
- **LAN** Supports 10/100Base-T Ethernet networking
- **Enhanced Parallel Port** One parallel port, supports SPP/EPP/ECP parallel mode. BIOS configurable to LPT1, LPT2, LPT3 or disabled
- **Serial Ports** Four serial ports with three RS-232 ports (COM1, 3, and 4), one RS-232/422/485 port (COM2). All ports are compatible with 16C550 UARTs

- **Universal Serial Bus (USB) Ports** Supports up to two USB ports
- **PCMCIA port** Type II x 2, Type III x 1
- **Watchdog Timer** 62-level, interval 1 ~ 62 seconds
- **Bus Expansion** With 2 expansion slots can support up to two PCI or one PCI and one ISA add-on half-size cards.

Touchscreen (Optional)

- **Type** Analog resistive, continuous resolution
- **Light Transmission** 75%
- **Controller** RS-232 (interface through COM4)
- **OS support** MS DOS, Windows 3.1/95/98/NT/2000
- **Durability** 100 Million touch lifetime

LCD Specifications

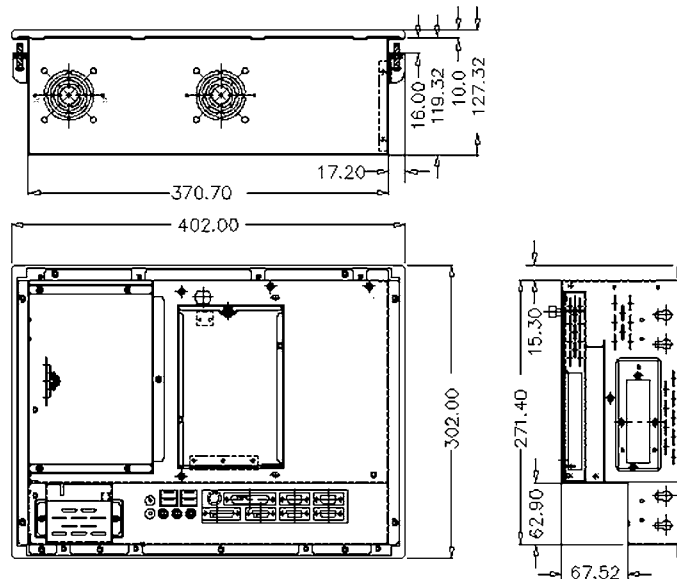
- **Size** 15"
- **Display Type** XGA TFT
- **Color** 262K or above
- **Resolution** 1024 x 768
- **Viewing Angle** 100° (V), 120° (H)
- **Luminance (cd/m²)** 250
- **Operating Temperature** 0 ~ 50° C
- **Storage Temperature** -20 ~ 60° C
- **LCD MTBF** 50,000 hrs
- **Backlight MTBF** 25,000 hrs

Ordering Information

- **IPPC-9150G** Rugged Pentium® III/Celeron® Industrial Panel PC with 15" LCD, PCM-9571 B1 CPU board, 80 W AC power supply, slim FDD. Stainless steel chassis and aluminum front panel
- **IPPC-9150G-R** IPPC-9150G with resistive touchscreen

Dimensions

Unit: mm



Cut-out dimensions: 374 x 275 mm

Accessories

- **CDR-9150-24X** Compact 24X CD-ROM kit for IPPC-9120/9150
- **IPPC-9150 Stand** Stand kit for IPPC-9150/9120 series product
- **IPPC-9150 S-ARM** Swing arm for IPPC-9150/9120
- **IPPC-9150 Rack-MT** Mounting kit for standard 19" industrial rack

Optional PCI Fieldbus Card

- Supports CANopen, DeviceNet or Profibus by request
- 4 mm stainless front panel supported by request

Notes:

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

- 1 IPPC & AWS
- 2 TPC
- 3 FPM
- 4 ATM
- 5 DA&C
- 6 cPCI
- 7 ADAM-3000
- 8 eConnectivity
- 9 ICOM
- 10 Software
- 11 UNO-2000/3000
- 12 VBOX
- 13 ADAM-4000
- 14 ADAM-5000
- 15 ADAM-6000
- 16 ADAM-8000