

IPPC-9120G

Rugged Pentium® III Industrial Panel PC with 12.1" LCD



Features

- Pentium® III processors up to 1.26 GHz and Celeron® processors up to 1.2 GHz
- 12.1" SVGA 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

IPPC-9120G is a fully functional computer system with support for CPUs of different classes (Pentium III up to 1.26 GHz and Celeron up to 1.2 GHz) to meet the demands of today's industrial software. IPPC-9120G is a rugged unit with an aluminum panel, tempered glass 12.1" TFT LCD, a stainless steel structure and two expansion slots. IPPC-9120G 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 almost anywhere.

Specifications

General

- **BIOS** Award® 256 KB Flash BIOS
- **Certifications** CCC, CE, FCC, UL, BSMI
- **Cooling Systems** 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, -12 V @ 0.5 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** Intel 82443B/82371EB
- **CPU** Socket 370 Intel® Pentium III up to 1.26 GHz, 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 supports up to 1 GB SDRAM
- **Parallel Ports** 1 x enhanced parallel port, supports SPP/EPP/ECPP parallel mode.
BIOS configurable to LPT1, LPT2, LPT3 or disabled.
- **PCMCIA Ports** 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** 300 : 1
- **Display Size** 12.1"
- **Display Type** SVGA TFT LCD
- **Luminance** 340 cd/m²
- **Max. Colors** 262,144
- **Max. Resolution** 800 x 600
- **Viewing Angle (H/V°)** 100/60

Touchscreen (Optional)

- **Interface** RS-232 (interface 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

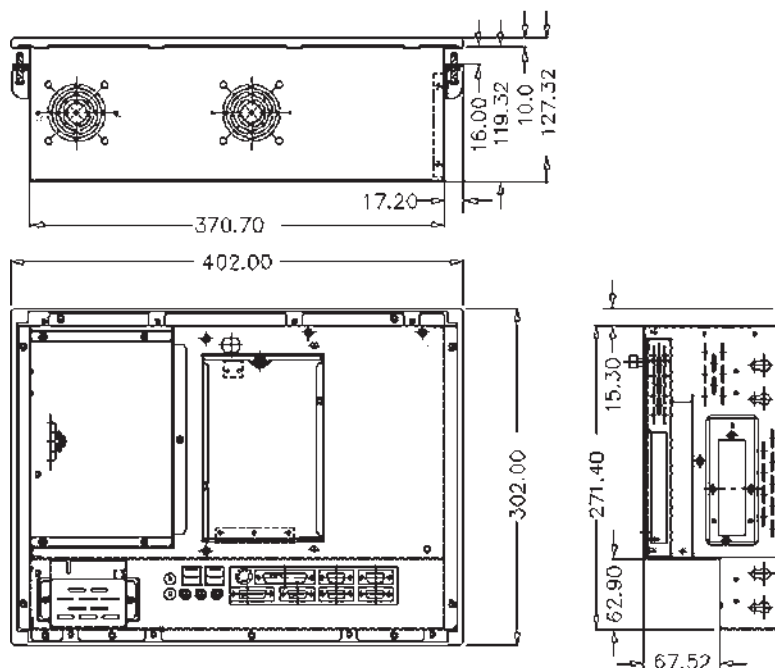
- **Humidity** 5 ~ 85% @ 40° C (non-condensing)
- **Ingress Protection** Front panel: NEMA4/IP65
- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature** -20 ~ 60° C (-4 ~ 140° F)
- **Vibration Protection** 5 ~ 500 Hz 1 G_{RMS} random vibration (operating)

Ordering Information

- **IPPC-9120G-XAE** Rugged Pentium III/Celeron Industrial Panel PC with 12.1" LCD
- **IPPC-9120G-RAE** IPPC-9120G-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

Note:

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