

IPPC-9150G

15" XGA TFT LCD with Resistive Touchscreen Intel® Atom™ N450 Industrial Panel PC

NEW



Features

- Intel ATOM N450 Processor up to 1.66GHZ
- 15" XGA LED backlight LCD with low power consumption
- 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
- Hard anodic coating to prevent panel abrasion and acid corrosion
- Built-in CD-ROM supports one 2.5" SATA HDD Drive

Introduction

The IPPC-9150G is an economic new computing platforms system with Intel® Atom™ N450 1.66GHz CPUs, 2 Gigabit Ethernet ports and wide variety of I/O ports to meet the needs of various industrial applications. With the addition of an aluminum backpanel, 15" TFT LCD resistive touchscreen and stainless steel frontpanel the IPPC-9150G is suited for the harshest industrial environments.

Specifications

General

- **BIOS** AMI 16mb SPI BIOS
- **Certifications** BSMI, CCC, CE, FCC, UL
- **Cooling System** 2 x 16.41 CFM fans w/30,000 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 1* 2.5" SATA HDD, and built-in slim type SATA DVD-RW
- **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, 2A
- **Power Supply** 100 W, MTBF: 200,000 hrs
- **Watch dog timer (IWT)** Monitor the system status before OS is ready (programmable 10ms,disable, 1s, 60s)
- **Weight (Gross)** 10 kg (22 lb)

System Hardware

- **CPU** Intel® Atom™ N450 1.66GHZ on board
- **Chipset** ICH8M
- **LAN** 2 x 10/100/1000 Base-T Ethernet
- **Memory** 1 x 1GB DDR2 SO-DIMM 667 MHz
- **I/Os** 1 x LPT
1 x PS2
1 x VGA Port
4 x USB 2.0
3 x RS-232 (com1,2,3)
2 x RS-422/485 (com 4,5)

LCD Display

- **Display Type** XGA TFT LCD
- **Backlight Type** LED
- **Display Size** 15"
- **Max. Resolution** 1024 x 768
- **Max. Color** 16.2M (RGB 8-bits) or 262k colors (RGB 6-bits)
- **Viewing Angle (H/V°)** 160/140
- **Luminance (cd/m2)** 350
- **Backlight Life (hrs)** 50,000
- **Contrast Ratio** 700:1

Touchscreen

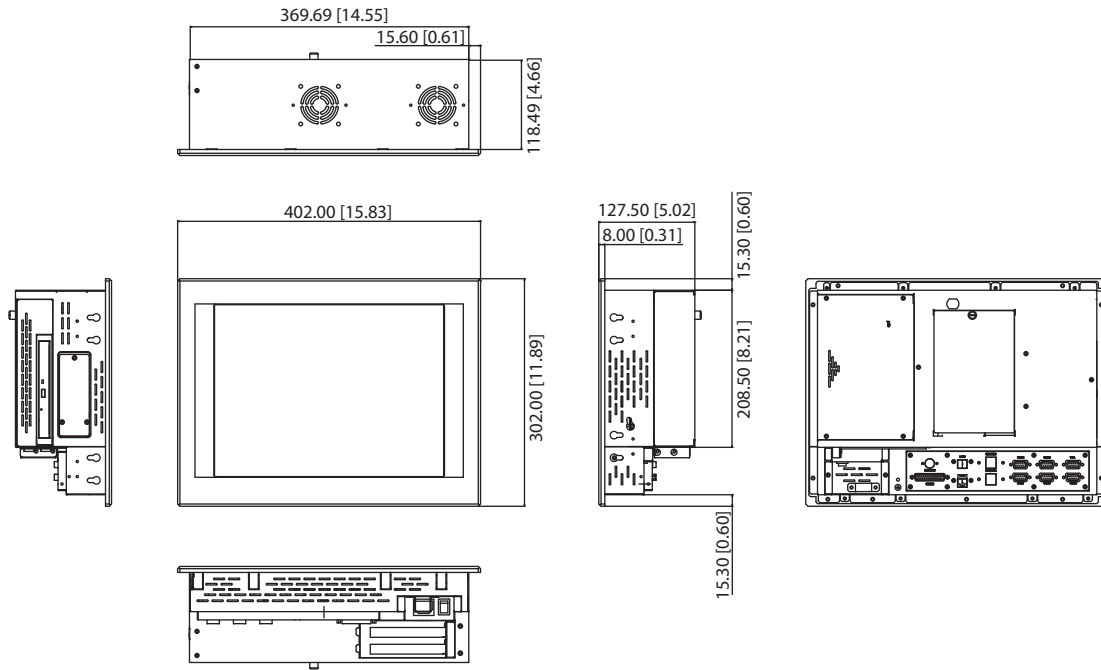
- **Lifespan** 36 million with a silicone rubber of R8 finger, writing rate is by 250g at 2 times/s
- **Light Transmission** > 80%
- **Type** Analog resistive (5-wire)

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

Dimensions

Unit: mm



Panel Cut-out Dimensions: 374 x 275 mm

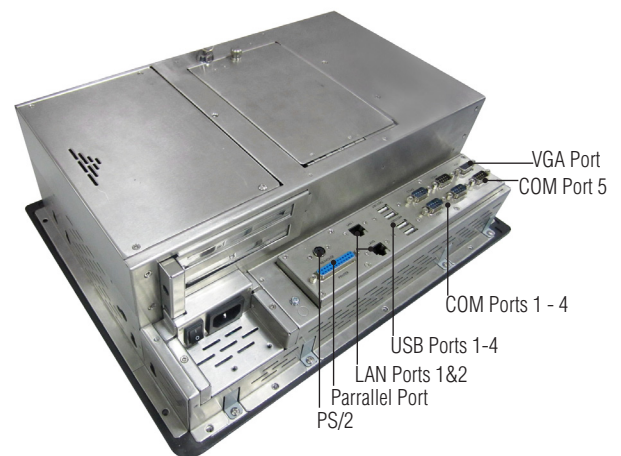
Ordering Information

- **IPPC-9150G-R0AE** 15" XGA IPPC ATOM N450 w/ TS

Accessories

- **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

Rear View





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