# LOGc
automation & drive

## IM-986 Panel PC 12"

## Produktinfo

### IM-986 Panel PC 12"

The Panel PC is designed for installation in IM-986 Front panels designed. Based on the low Power Intel Atom processor.

The IM-986 is the basic configuration an economical and technically efficient strong solution dar.

The scope of the IM-986 is robust tasks in automation engineering design.

All connections of the Panel PC IM-986 where there the on the back. Installation done through the housing which M4 threaded bolt.

By default, included with the Ethernet and four USB ports.

Optional, the Panel PC can include with 12 digital IO's, a CAN bus master / Slave interface and four PCI slots be upgraded.

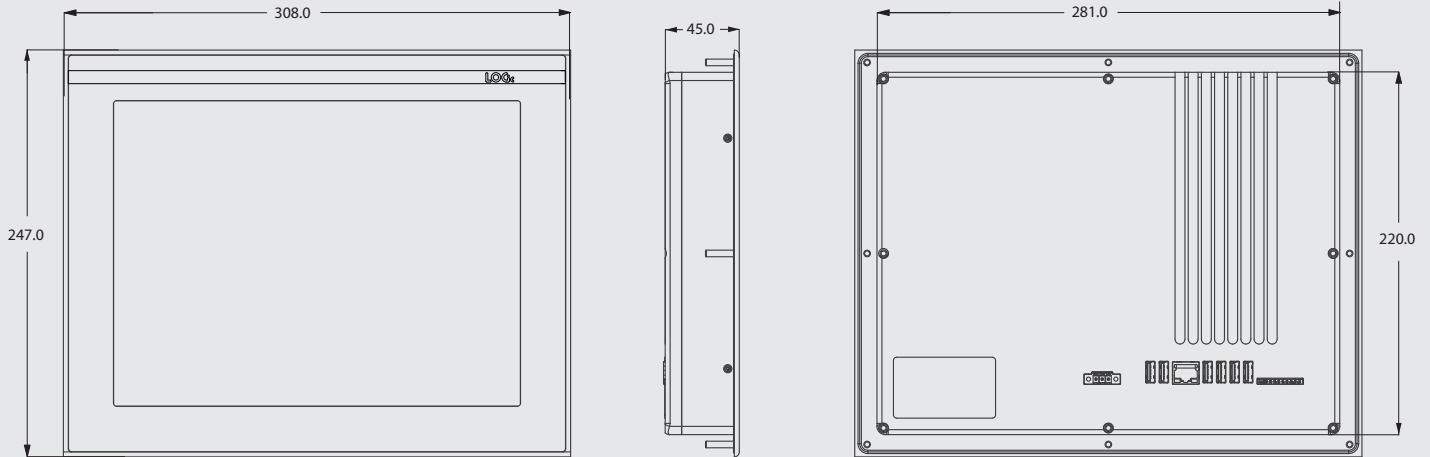The Panel PC is running with, among others Standard operating systems from Microsoft, Linux or SCO.

### Features

- 1,1 GHz Low Power CPU
  1 GB RAM, Ethernet 100,
  6 x USB 2.0

- 8" TFT LCD 1024x768 XGA VGA
  Led Lighting

- Flash memory to 2 GB

- 24 V DC voltage

- Temperature range of
  10°C up to +50°C

- High reliability and
  life cycle

- Front IP 54, Rear IP20 fanless

- Durable aluminum housing

- Compact dimensions

- Weight 2,3 kg

### Optional

- Touchpanel

- SSD fixed hard disk

- SD or CF Card

- 12 digital IO's

- 1, 2 or 4 PCIe slots

- Local IO's

- CAN_OPEN fieldbus master / slave

- 1.6 GHz low power CPU

- Audio Intel High Definition Audio

- Front foil with up to 24 keys + 4 Led

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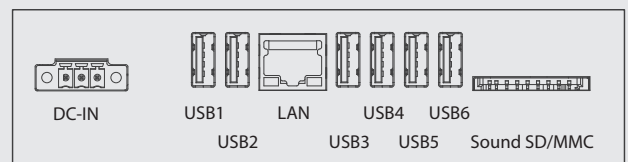### automation & drive

## Mechanical dimension:



## Technical data:

### Data IM-986

| | |
|---|---|
| Supply | 24 VDC +15% -30% |
| Switch on current | max. 0,1 A |
| Current consumption | min. 40 mA |
| Inputpower | 16 W |
| CPU | 1,1 GHz, opt. 1,6 GHz |
| RAM | up to 1 GB |
| LCD | 12" XGA 1024 x 768 |
| Intensity | 560 cd / m² LED |
| Flash memory | up to 2 GB |
| Boot Device | Flash SSD |
| Processor architectur | ATOM Intel |
| Ambiente temperature | 10°C bis 50°C |
| Reliability | self diagnosis |

### Connections

| | |
|---|---|
| USB | 6 x USB 2.0 |
| Ethnernet | RJ45 100MBit |
| SO / MMC - Card | up to 128 GB |
| Keyboard / Mouse | USB |

### Mechanical data

| | |
|---|---|
| Protection | IP54 front |
| Dimension | 308 x 247 x 45 mm |
| Weight | 2,3 kg |

### Option

| | |
|---|---|
| Digital IO | 12 digital IO's |
| Fieldbus | CAN_Open DSP 402 |
| Local IO's | diverse |
| PCIe | 4 |
| Sound | Intel High Definition Audio |

## Electrical connections:

For the electrical connections on the IM-986 Panel are diverse connetions available.



The IM-986 Panel PC runs with Windows operating systems, XP, CE, 2000, and on Linux. About LAN Interface can connect the PC to a network and through the 6 USB ports, it is as no longer necessary, external hardware, such as a USB hub to connect.

Subject to change without notice.