

## Embedded Panel PC systems

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### Embedded Panel PC Bundles

SIMATIC IPC277D / IPC477C (PRO) / IPC477D - Ready-to-run Panel PC systems with integrated HMI and Controller functionality

SIMATIC IPC277D and HMI IPC477C (PRO) / IPC477D bundles are ready-to-run installed Panel PCs with high industrial capability (degree of front protection IP65) and are available in diverent versions.

SIMATIC IPC277D are equipped with Widescreen touch displays in sizes 7", 9", 12", 15" and 19" (inches)

SIMATIC IPC477D is available with touch displays in sizes 12", 15", 19" and 22" or with 15" HMI touch key front

SIMATIC HMI IPC477C is available with touch displays in sizes 12", 15" and 19" or HMI key fronts with 12" and 15"

SIMATIC HMI IPC477C PRO is available with touch displays in sizes 15" and 19"

#### > Area of application

The IPC277D is suitable for the realization of simple control, visualization and communication tasks.

The IPC477C (PRO) / IPC477D is perfect for tasks with high requirements on the control (real time and deterministic) as well as visualization, technology functions and data processing.

The common qualities are:

- low installation depth

- Machine-level installation

- Use of customer-specific hardware and software

- For safety-oriented applications, there is also a TÜV-certified, fail-safe bundle version with the fail-safe software controller SIMATIC WinAC RTX F

#### > Benefits

The embedded Panel PC bundles stands for high ruggedness with fan and hard disk less operation.

- Turn-key system that is tested and adapted to the hardware

- Rugged and space saving design

- Operation without a fan or hard disk, maintenance free

#### > Design and functions

##### SIMATIC IPC277D

Software configuration	SIMATIC WinAC RTX	SIMATIC WinAC RTX F	SIMATIC WinCC RT Advanced
WinAC RTX	o		
WinAC RTX, WinCC RT Advanced	o		o
WinCC RT Advanced			o
WinAC RTX F		o	
WinAC RTX, WinCC RT Advanced		o	o

##### SIMATIC IPC477D

Software configuration	SIMATIC WinAC RTX	SIMATIC WinAC RTX F	SIMATIC WinCC RT Advanced
WinAC RTX	o		
WinAC RTX, WinCC RT Advanced	o		o
WinCC RT Advanced			o

WinAC RTX F	o	
WinAC RTX, WinCC RT Advanced	o	o

### SIMATIC HMI IPC477C (PRO)

Software configuration	SIMATIC WinAC RTX	SIMATIC WinAC RTX F	SIMATIC WinCC flexible RT	SIMATIC WinCC RT Advanced	SIMATIC WinCC
WinAC RTX	o				
WinAC RTX, WinCC flexible RT	o		o		
WinAC RTX, WinCC RT Advance	o			o	
WinCC flexible RT			o		
WinCC RT Advanced				o	
WinAC RTX F		o			
WinAC RTX F, WinCC flexible RT		o	o		
WinAC RTX F, WinCC RT Advance		o		o	
WinCC V7.0					o
WinCC RT Professional					o

The SIMATIC WinAC RTX software controller and the SIMATIC WinCC HMI software are pre-installed and pre-configured:

- The SIMATIC WinAC RTX software controller handles the actual control task and execution of the user program.
- The HMI software SIMATIC WinCC allows machine-level visualization including archives and recipes.

In addition, the fail-safe version SIMATIC WinAC RTX F offers the following advantages:

- Programmable with S7 Distributed Safety V5.4
- Fail-safe communication using PROFI-safe via PROFIBUS and PROFINET

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### Embedded Panel PC Bundles

#### Presales info

##### > Overview

##### > References

##### > Information material

##### > Newsletter

#### Catalog and ordering system online

#### Technical info

#### Service & Support

#### Training

### More information

- > Professional article "Embedded bundles" (german)

### Related Links

- > Nanopanel PC SIMATIC IPC277D
- > Panel PC SIMATIC IPC477D
- > Panel PC SIMATIC HMI IPC477C
- > Panel PC SIMATIC HMI IPC477C PRO
- > PC-based Controller SIMATIC WinAC

