

Explore embedded PC systems with

SIMATIC Microbox PC 427B starter package



Get on board, get started and save: Our SIMATIC® Microbox PC 427B starter package makes it all possible. Together with a 24 V power supply, a USB stick and the preinstalled Windows XP Embedded operating system, you have everything you need for fast entry into the embedded PC world from Siemens.

The ultra-compact, maintenance-free and extremely flexible rail-mounted PC was developed for high system availability. You also get additional components for efficient diagnostics and preventive data backup to increase the availability of your system even more. So get on board – and get more.

SIMATIC PC – the more industrial PC.



Highlights of the Microbox PC 427B

Ultra-compact:

- 262 x 134 x 47 mm
- Power pack already integrated

Maintenance-free:

- Fanless and no hard disk
- Can operate without battery

Flexible:

- CompactFlash or SATA hard disk
- PROFIBUS on board (optional)
- 3 free PCI-104 slots for expansion modules
- 2 x Gigabit Ethernet
- Powerful Intel Pentium M technology up to 1.4 GHz

Rugged:

- Application range up to 55 °C ambient temperature
- High shock and vibration protection up to 15g/1g

Long-lasting concepts:

- Available for at least 3 years
- Repair and spare parts service available for at least 5 years following discontinuation of active marketing

SIMATIC Microbox PC

Answers for industry.

SIEMENS

Ultra-compact, rugged and maintenance-free

The flexible rail-mounted SIMATIC Microbox PC 427B fulfills every requirement imposed on an embedded PC:

- Various communications interfaces for flexible networking, e.g. COM1, 2 x Gigabit Ethernet, 4 x USB V2.0 and PROFIBUS
- High mechanical ruggedness to ensure reliable operation 24 hours a day
- All-metal enclosure with EMC-compliant connection of all interfaces for a high degree of electromagnetic compatibility (EMC)
- Integrated 24 V power pack with electrical isolation and mains buffering

The SIMATIC PC DiagMonitor supports the voltage, temperature and program flow monitoring functions that are integrated into the PC. It monitors the Microbox PC 427B, visualizes its operating states and sends messages and alarms to the user.

The SIMATIC PC Image Creator reliably performs preventive data backup for the mass storage unit. You can use the SIMATIC PC BIOS Manager to read, edit and duplicate BIOS data, while the I/O drivers offer you a means of addressing the buffered SRAM, for example.

The starter package contains the SIMATIC Microbox PC 427B in the configuration described above. You can also order a different configuration of the Microbox PC at the following address:

www.siemens.com/ipc-configurator

Getting on board is worth your while!
Every starter package offers you a price advantage of more than 25% compared with the purchase prices of the individual components.

Simply order directly in the Siemens Mall

www.siemens.com/automation/mall

Order No.: 6ES7647-7AF25-0AA0

SIMATIC Microbox PC 427B starter package – it just offers more:

- Microbox: 1.0 GHz Intel® Celeron-M® processor, 512 MB RAM, hard drive, PROFIBUS interface
- Preinstalled Windows XP Embedded operating system
- Expansion rack for integration of a PCI-104 module
- SITOP 120/230 V AC to 24 V DC power supply
- SIMATIC PC USB FlashDrive 2 GB
- Adapter to convert from DVI-I to VGA
- SIMATIC PC DiagMonitor
- SIMATIC PC Image & Partition Creator
- SIMATIC BIOS Manager
- Windows IMCEA driver
- Restore CD of the operating system
- Documentation CD

* Only one package per customer can be ordered. The general sales and delivery conditions for products and services of the electronics and electrical industry apply. The prices (without VAT) are in Euro ex-factory, excluding packaging.

* The Starter Kit offers you a price advantage of more than 25% compared with the purchase prices of the individual components.

Ordering/supply address:

Company/Department

Name

Street, No.

Postal code/city

Telephone/fax

Date, signature

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Industry Automation
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