



Contact us! **PROFI Interface Center**
Phone: (423) 262-2576
Email: profibus.sea@siemens.com

PROFIBUS and PROFINET Development Kits - The easy route to implement PROFIBUS or PROFINET in your device

The PROFIBUS and PROFINET Development Kits from SIEMENS make it easy to get started. The PROFIBUS/PROFINET Device Development Kits contain everything you need to develop your own IO devices.

If you decide in favor of one of these PROFIBUS or PROFINET Development Kit from SIEMENS, you will benefit from the technological advantages offered by SIEMENS in the form of function updates and first-class support provided by professional technical consultants.



PROFINET Device Development Kits from SIEMENS support many solutions.

1. **Standard Ethernet controller** for implementing PROFINET field devices with RT ("Real Time")
 - Development Kit for development of PROFINET IO devices on the basis of a standard Ethernet controller (including a license for the development of a PROFINET IO device and a license for one product line)
 - PROFINET IO V3.0 Device Development Kit
Order No. 6ES7195-3BC00-0YA0
List Price \$6,370
 - [Learn more](#) about the PROFINET IO V3.0 Device Development Kit



2. **Enhanced Real-Time Ethernet Controller (ERTEC)** for developing PROFINET field devices with RT and IRT ("Isochronous Real-Time").

The ERTEC supports all PROFINET functions, including high-performance, cyclical and isochronous communication

- Development Kit for the development of ERTEC 200 or ERTEC 400-based PROFINET IO devices (including development license)
- ERTEC 200 PN IO V3.0 Device Development Kit
Order No. 6GK1953-0BA00
List Price \$5,850
- ERTEC 400 PN IO V3.0 Device Development Kit
Order No. 6GK1953-0CA00
List Price \$5,850
- [Learn more](#) about the ERTEC 200/400 Development Kit



3. **PC based cards** for integration of the **PROFINET IO Controller and Device function**, consisting of a CP1616 as a plug-in **PCI card** or a CP1604 in the **PC104+** format.

Interface to PROFINET IO controllers (RT and IRT) and to PROFINET IO devices (RT and IRT)

A) Development Kit for the easy integration of a PC card based Communication Processor PCI card (CP1616) into any operating system environment

Including

- Communication Processor CP1616. Solution for PC-based systems IO-Controller and/or IO-Device
- PCI-Card with ERTEC 400
Order No. 6GK1161-6AA01
- List Price \$1,745



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- PROFINET IO V2.3 Device and Controller Development Kit 16xx

Order No.
6GK1741-1HL23-3AA0

The DK-16xx PN IO V2.3.1 development kit can be downloaded free of charge on <http://www.siemens.com/simatic-net/dk16xx>

[Learn more](#) about the Development Kit 16xx PN IO V2.3 for CP 1616 and CP 1604

B) Development Kit for the easy integration of a PC card based Communication Processor PC104+ card (CP1604) PROFINET module into any operating system environment

Including

- Communication Processor CP1604. Solution for PC-based systems IO-Controller and/or IO-Device
- PC/104+Card with ERTEC 400
Order No. 6GK1160-4AA00
- List Price \$1,350



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- PROFINET IO V2.3 Device and Controller Development Kit 16xx

Order No.
6GK1741-1HL23-3AA0

The DK-16xx PN IO V2.3.1 development kit can be downloaded free of charge on the Internet under the address <http://www.siemens.com/simatic-net/dk16xx>

[Learn more](#) about the Development Kit 16xx PN IO V2.3 for CP 1616 and CP 1604



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PROFIBUS Development Kits from SIEMENS support either PROFIBUS slaves or PROFIBUS slaves and masters.

1. **Development Kit** for developing a **PROFIBUS DP/PA – Slave**

- PROFIBUS slaves with DP/DPV1/PA/Fiber Optic Technology can be developed
- Slave based on ASIC DPC31 incl. firmware and CP5613
- PROFIBUS DP/PA Development Kit - Slave
Order No. 6ES7195-3BA10-0YA0
List Price \$3,445
- [Learn more](#) about the PROFIBUS DP/PA – Slave Development Kit

2. **Development Kit 4** for developing a **PROFIBUS DP – Slave and Master**

- PROFIBUS slaves and masters can be developed
- Slave based on ASIC SPC3 incl. firmware and CP5613 as Master
- PROFIBUS DP Development Kit 4 – Slave and Master
Order No. 6ES7195-3BA20-0YA0
List Price \$3,770
- [Learn more](#) about the PROFIBUS DP Development Kit 4 – Slave and Master

