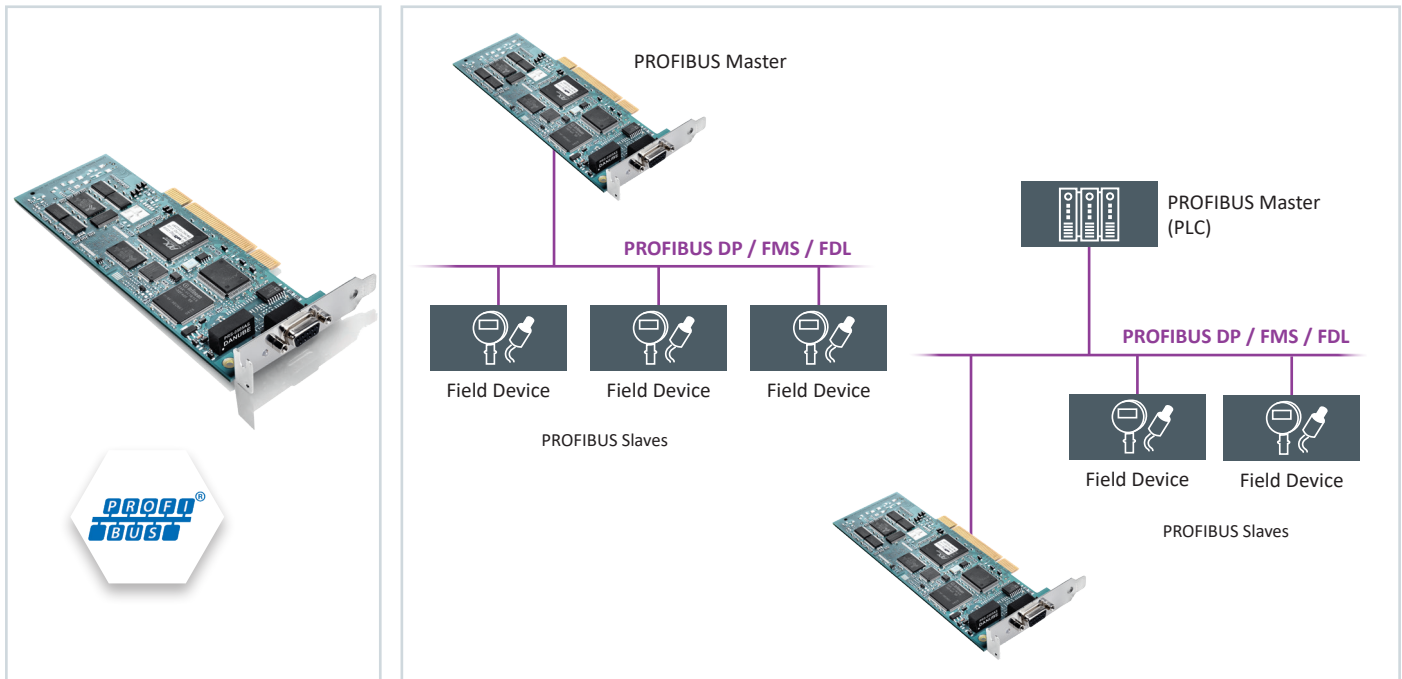


# PBpro PCI

Universal PCI Boards for Use as Master or Slave

- Single and dual channel interface boards in universal PCI format for integrating PCs into PROFIBUS architectures as machine controllers, supervisory control applications, field devices or operator panels.



## Always the Fitting PROFIBUS Protocol

- PROFIBUS Master and Slave functionality
- Support of PROFIBUS DP, PROFIBUS FMS and PROFIBUS FDL protocols
- Universal interface solution for integration in industrial and embedded PCs

## Rapid Integration Using API or OPC Server




- Direct access to all protocols via PROFIBUS API
- Sample programs including comments
- Integration in various plant asset management tools
- Optional access by OPC Clients using Softing's OPC Server

## Large Choice of Drivers

- Use in Windows and Linux operating systems
- PROFIBUS CommDTM for FDT applications included in scope of delivery

# PBpro PCI

## Technical Data

	Master/Slave, Single Channel <sup>1</sup>	Slave, Single Channel <sup>1</sup>	Master/Slave, Dual Channel
<b>PROFIBUS Protocol</b>			
DP-V0 Master	•		•
DP-V1 Master: Acyclic C2 Services	•		•
DP-V2 Master <sup>2</sup>	•		•
FMS	•		•
FDL	•		•
DP-V0 Slave	•	•	•
Fieldbus Connection	9-Pin D-Sub female, EIA-485, galvanically isolated		
Transfer Rates	9.6; 19.2; 45.45; 93.75; 187.5; 500; 1,500; 3,000; 6,000; 12,000 Kbit/s		
PC Interface	PCI V2.2, 128 KB Shared RAM Per Channel		
Operating Temperature	0 °C ... +70 °C		
Storage Temperature	-20 °C ... +70 °C		
Relative Humidity	< 90 %, non-condensing		
Dimensions	168 mm x 64 mm	168 mm x 64 mm	168 mm x 107 mm
<b>Power Supply</b>			
Supply Voltage	5 VDC / 3.3 VDC (±5 %)		
Current Consumption	Typically 500 mA / 200 mA	Typically 500 mA / 200 mA	Typically 700 mA / 300 mA
Drivers Available for	Windows XP, Windows 7, Windows 8, Windows 10, Linux		
Conformity	  		

<sup>1</sup> Also Available with Low Profile Slot Bracket

<sup>2</sup> DP-V2 available for custom integration.

Please contact Softing to discuss your specific requirements.

## Scope of Delivery

Hardware	PC interface board
Software	Drivers, sample programs on CD-ROM
Documentation	On CD-ROM

## Order Numbers

	Master/Slave, Single Channel	Slave, Single Channel	Master/Slave, Dual Channel
	PB-PRO1-PCI (PB-PRO1-PCI/LP)	PB-PRO1S-PCI (PB-PRO1S-PCI/LP)	PB-PRO2-PCI

## Additional Products and Services

OPC-PB <sup>1</sup>	PROFIBUS OPC Server for DP-V0 / DP-V1
TRA-PB-TECH	PROFIBUS technology training

<sup>1</sup> Requires PROFIBUS Master Interface Board

Your local Softing contact:

<http://industrial.softing.com>

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