



Industrial
communication

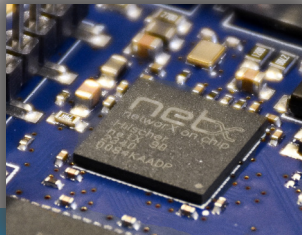


sysWORXX Pi-AM62x

SYS TEC
ELECTRONIC

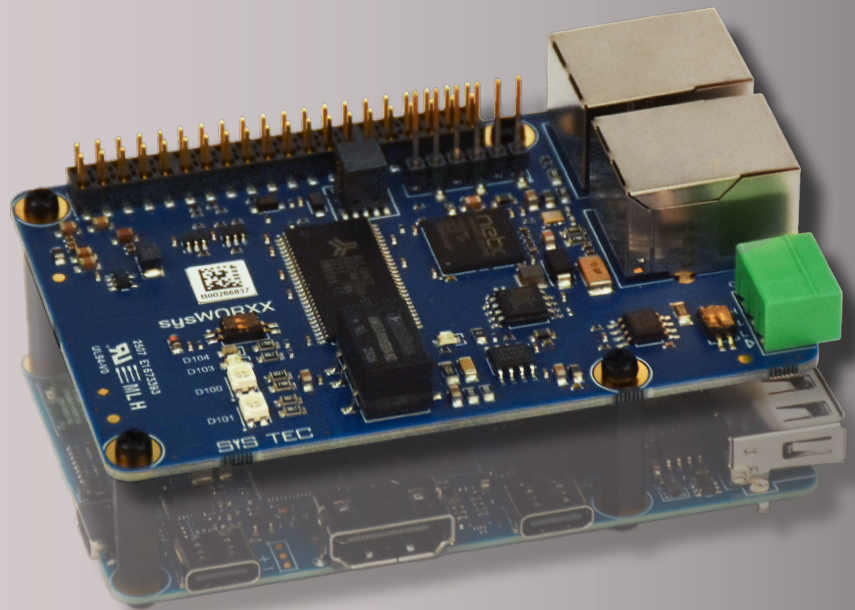


sysWORXX Pi HAT Industrial Communication



With the powerful
Hilscher netX90
Multi protocol chip

Effortless testing and
prototype development



BRING YOUR LINUX SYSTEM TO INDUSTRIAL ETHERNET!

Whether automation technology, control systems or industrial IoT applications - with our sysWORXX Pi-based evaluation platform, you can develop and test your **Industrial Ethernet and fieldbus solutions** quickly, efficiently and cost-effectively.

YOUR BENEFITS



PROOF-OF-CONCEPT

Test your application development
under authentic operating conditions.



MINIMISATION OF THE TIME-TO-MARKET

Faster time to market thanks to
agile development

www.systec-electronic.com

Flexible, cost-effective, future-proof: That's why this platform is ideal for your development

Simple integration into Linux systems



Plug onto the sysWORXX Pi:
Drivers and APIs ensure a fast connection

- Acceleration of your development

Two Ethernet interfaces for maximum connectivity



The ideal basis for Line topology,
seamless communication with different networks
networks and flexible testing options.

CAN interface for versatile industrial communication



Direct connection to CANopen &
other CAN networks - ideal for Automation & IIoT

- Ideal for automation technology, vehicle communication and IIoT applications

Hilscher netX inside Full protocol flexibility



Supports PROFINET, EtherNet/IP,
EtherCAT, Modbus/TCP, OPC UA and many more

- Flexible evaluation, testing and direct integration of industrial networks into your application
- Easy realisation of an intelligent subnode (e.g. PLC, HMI) for seamless integration into higher-level system controls

Quick start with numerous development tools & sample projects



Wide range of available resources
to shorten the development time:

- Sample code for common protocols
- Development environment netX Studio from Hilscher
- Detailed documentation & technical support from SYS TEC

Perfect for prototyping & Proof of concepts



Fast and cost-effective
development of functional prototypes for IIoT,
controllers & gateways

SYS TEC electronic accompanies you beyond the evaluation phase!

We support you with our many years of experience in industrial control technology and develop the final control system design for you, optimized for series production. On request, we can also handle the production of your series devices - all from a single source. **Start your own Modbus, M-Bus and SO development - we will support you all the way to market maturity!**

MODULE FEATURES

Interface	Parameter	Value
Industrial Ethernet	Host	Hilscher netX 90
	Bit rate	100 Mbit/s
	RAM	8 Mbyte
	Isolation	Yes
	Interface Host	SPI
	Interface Debugger	UART
	Interface User	LEDs

Interface	Parameter	Value
CAN	Type	ISO 11898-2:2003
	Bit rate	20kBit/s up to 1Mbit/s
	Termination	120R; switchable
	Isolation	YES
	User Interface	LEDs

Feature	Interface	Pin	Raspberry Pi	sysWORXX Pi
netX 90	SPI INT	19,21,23,24 11, 13	✓	✓
CAN	CAN	29, 31	-	✓

We are here for you – Contact us!
Our friendly staff will be happy to help you.



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