

## APPLICATIONS

The **EM BoxPC-NUCO** is the perfect communication gateway for industrial IoT applications. Especially designed for low-power, noiseless and extreme temperature environments. No fans or other rotating devices are used. It is a german engineered and produced high quality BoxPC system, offering high performance in tough environments.

- \_ Rugged Industrial Systems  
no rotating parts, low-power
- \_ Gateways
- \_ Medical Solutions  
ARM® performance
- \_ Telecommunication  
industrial-grade outdoor routers
- \_ Automation Control  
scalable, long term availability,  
flexible expansion
- \_ Information Systems
- \_ Measurement  
USB-Client-Port

## eNUC BOX PC



BoxPC system with high computer performance and small dimensions.



With a large number of interfaces in a small package, a whole lot of great applications are possible.



The BoxPC is designed for industrial-grade communication applications in extreme temperature environments.



A customized frontpanel design is optional available.



Expand your system with various options.



Optimized system for harsh and tough environments.

## SPECIFICATIONS

CPU	NXP® i.MX6 processors i.MX6 Solo / 800 MHz / 256 MB DDR3 memory down i.MX6 Quad / 800 MHz / 1 GB DDR3 memory down
Interfaces	2 USB 2.0 Up to 2 Gigabit Ethernet 2 PCI Express® Mini Card with SIM Card socket 1 MicroSD-Card socket Up to 4 optional COM ports: 1 RS232 1 RS485 (half / optional full duplex) 1 RS485 half duplex 1 RS232 (4 signal pins)
OS support	Linux (Yocto Project 2.0 w/ NXP BSP 4.1.15_1.0.0)
Power supply	Min. 8 V / Max. 60 V
Housing	Metal plate case
Dimension	116,4 mm x 46,5 mm x 119,2 mm
Weight	Approximately 260 grams + opt.
Mounting	Stand alone or hat rail
Conformity	CE, ROHS, REACH
Max. operating temp.	-40°C to +85°C ambient
Max. storage temp.	-40°C to +105°C ambient
Max. rel. humidity	95 % @ 40°C, non-condensing

## SELECT YOUR WIRELESS INTERFACE



VERSATILE COMMUNICATION BY A LARGE NUMBER OF INTERFACES



fanless rugged industrial design

## OVERVIEW

The BoxPC-NUCO is the perfect industrial grade communicator for secure and reliable IoT communication. It is designed as a flexible low-power system with an excellent performance-per-watt ratio.

## SUMMARY

- ▶ Extended temperature
- ▶ Flexible communication
- ▶ OEM / ODM with customer branding in small quantities available
- ▶ Easy mounting
- ▶ High performance
- ▶ Small dimensions