

APPLICATIONS

The **EM BoxPC-NUCI** is the perfect communication gateway for industrial IoT applications. It is a german engineered and produced high quality Box PC System. It is optimal adapted for:

- _ Mobile Systems
flexible wireless VPN solution,
automotive power input,
embedded next unit of computing
- _ Medical Solutions
Intel® Atom™ performance
- _ Automatic Control
scalable, long term availability,
flexible expansion
- _ Rugged Industrial Systems
designed for low-power,
noiseless and extreme
temperature environments

eNUC BOX PC



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



A customized frontpanel design is optional available.



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



Box PC system with high computer performance and small dimensions.



Expand your system with various options.



Optimized system for harsh and tough environments.

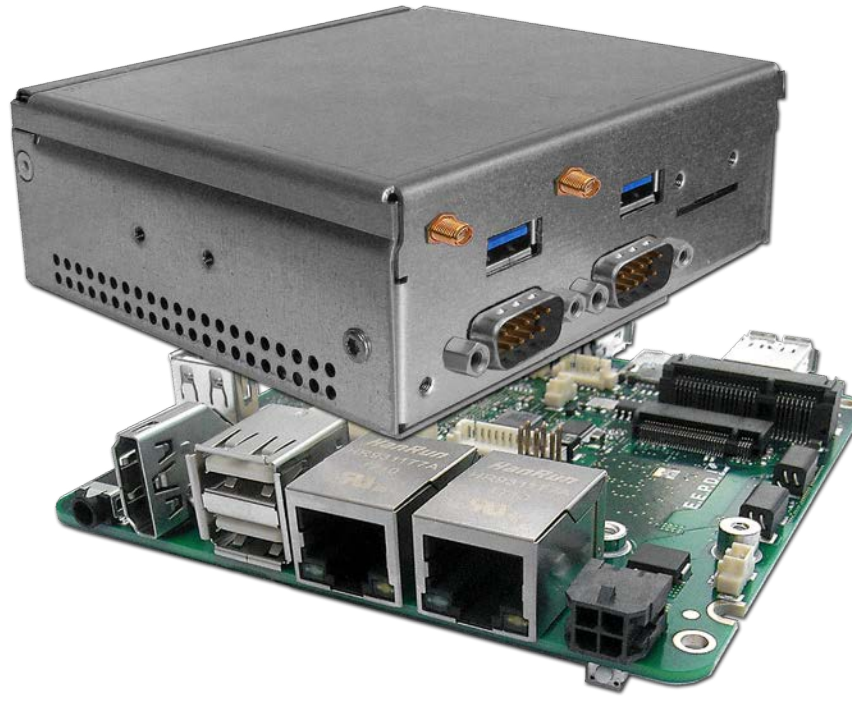
SPECIFICATIONS

CPU	Intel® Atom™ processors X7-E3950 / 1.6 GHz / 2 MB cache X5-E3940 / 1.3 GHz / 2 MB cache X5-E3930 / 1.3 GHz / 2 MB cache
Max. memory	Up to 8 GB DDR3L
Interfaces	2 USB 3.0 ¹ , 2 USB 2.0 ² (optional) 1 HDMI connector 2 Gigabit Ethernet 1 Mini PCIe with SIM-Card socket 1 M.2 socket (Key M, 22 mm x 42 mm) 1 MicroSD-Card socket 1 RS232 (optional) 1 RS232/485 (optional) 1 HDA with MIC In / HP Out 2 SMA front or back (optional)
OS support	Microsoft® Windows® 10 Microsoft® Windows® 10 IoT Core Linux (Yocto Project 2.0 w/ NXP BSP 4.1.15_1.0.0) Android
Power supply	Min. 8 V / Max. 32 V DC, automotive grade
Housing	Sturdy metal 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.	0°C to +60°C ambient (comm. temp.) -40°C to +85°C ambient (ind. temp.)
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

¹ Maximal 900 mA

² Maximal 900 mA

OVERVIEW

The BoxPC-NUCI 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