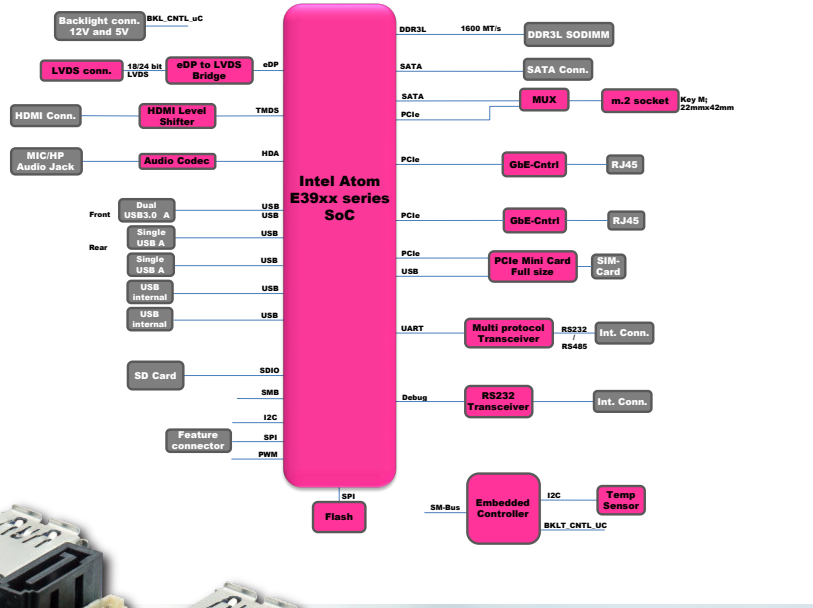
PROFIVE® NUCI

APPLICATIONS

The **PROFIVE®NUCI** was designed as a low power eNUC board with an excellent performance-per-watt ratio and is optimal adapted for:

_ Mobile Systems
automotive power supply
_ Rugged Industrial Systems
no rotating parts, low power
_ Medical Solutions
Intel® Atom™ performance
_ Automation Control
scalable, long term availability, flexible expansion
_ Measurement
dual display support
_ IoT
edge / fog gateway



HIGH QUALITY
MADE IN GERMANY

15 years long life support [1]

12/24 V

E.E.P.D.
...just embedded!

eNUC 101x101

SPECIFICATIONS

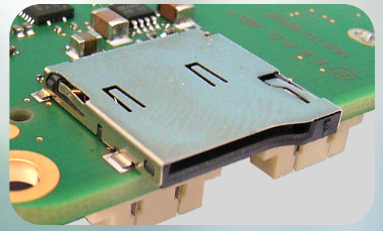
CPU	Intel® Atom™ processors E3900 series[1]
Max. memory	Up to 8 GB DDR3L memory
Gigabit Ethernet	2 Intel® I210 with IEEE1588
PCI Express® Mini Card	1 full size socket with SIM card socket
SD-Card	1 MicroSD-Card socket
M.2 socket	1 Key M, 22 mm x 42 mm (SSD only)
USB ports	1 Dual-USB 3.0 (fused to 900mA) up to 7 USB 2.0 (fused to 900mA)
Serial ports	1 RS-232 1 RS-232/485
LVDS connector	1 dual channel 24-bit
HDMI connector	1 standard HDMI connector v1.4
Sound	HDA with MIC In / headphone Out
Other	I²C-, SPI-, PWM-connectors
Power supply	Min. 8 V / Max. 32 V (DC) automotive grade | KL15
Max. operating temp.	-40 °C to +85 °C ambient ind. grade 0 °C to +60 °C ambient comm. grade
Max. storage temp.	-40 °C to +105 °C
Max. relative humidity	95 % @ 40 °C, non-condensing
Size approx.	102 mm x 102 mm
OS support	Microsoft® Windows® 10; Microsoft® Windows® 10 IoT Enterprise; Linux (Yocto Project 2.5.1, Ubuntu 18.04 LTS); Android 6.0

[1]15 years availability according to CPU manufacturers specification

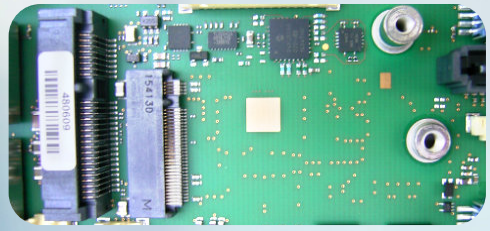
Ordering Code CPU	Description	Type
NUCIC	eNUC	X5-E3930 / 1.3 GHz / industrial temperature
NUCID	eNUC	X5-E3940 / 1.6 GHz / industrial temperature
NUCIE	eNUC	X7-E3950 / 1.6 GHz / industrial temperature

other on request

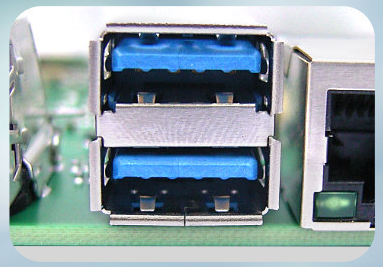
Ordering Code Memory	Description	Size
4GB-NUCI	Main Memory	4GB
8GB-NUCI	Main Memory	8GB



MicroSD-Card Socket PCI



PCI Express® Mini Card and M.2 Sockets



Dual-USB 3.0 Ports

Gigabit Ethernet

intel IoT Solutions Alliance

ISO 9001

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