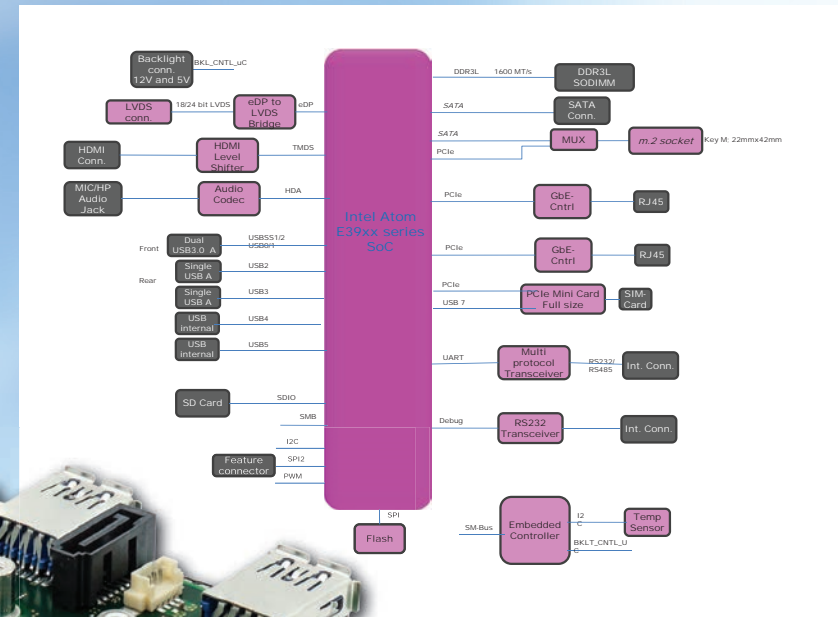




APPLICATIONS

The **PROFIVE® NUC1** 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



Made in Germany



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

eNUC 101x101

SPECIFICATIONS

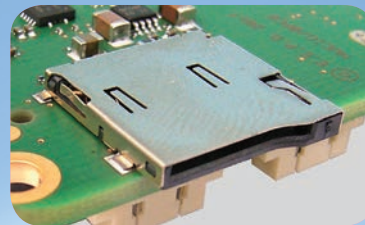
CPU	Intel® Atom™ processors E3900 series ¹
Max. memory	Up to 8 GB DDR3L memory
Gigabit Ethernet	2 Intel® I210 with IEEE1588
PCI Express® Mini Card	1 full size socket with SIM card socket
SD-Card	1 MicroSD-Card socket
M.2 socket	1 Key M, 22 mm x 42 mm (SSD only)
USB ports	1 Dual-USB 3.0, up to 7 USB 2.0
Serial ports	1 RS-232 1 RS-232/485
LVDS connector	1 dual channel 24-bit
HDMI connector	1 (v1.4)
Sound	HDA with MIC In / headphone Out
Other	I ² C-, SPI-, PWM-connectors
Power supply	Min. 8 V / Max. 32 V (DC) automotive grade KL15
Max. operating temperature	-40 °C to +85 °C ambient industrial grade 0 °C to +60 °C ambient commercial grade
Max. storage temperature	-40 °C to +105 °C
Max. relative humidity	95% @ 40 °C, non-condensing
Size approx.	101,6 mm x 101,6 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
NUCIA	eNUC	Celeron N3350 / comm. temp. / OEM only
NUCIB	eNUC	Pentium 4200 / comm. temp. / OEM only
NUCIC	eNUC	X5-E3930 / 1.3 GHz / industrial temperature
NUCID	eNUC	X5-E3940 / 1.3 GHz / industrial temperature
NUCIE	eNUC	X7-E3950 / 1.6 GHz / industrial temperature

other on request

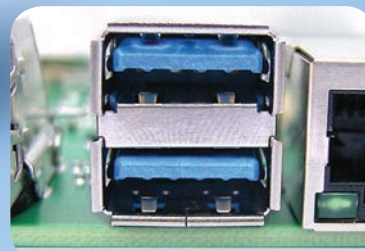
Ordering Code Memory	Description	Size
2GB-NUCIX	Main Memory	2 GB
4GB-NUCIX	Main Memory	4 GB
8GB-NUCIX	Main Memory	8 GB



MicroSD-Card Socket



PCI Express® Mini Card and M.2 Sockets



Dual-USB 3.0 Ports



Gigabit Ethernet

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LIFE SUPPORT APPLICATIONS

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