

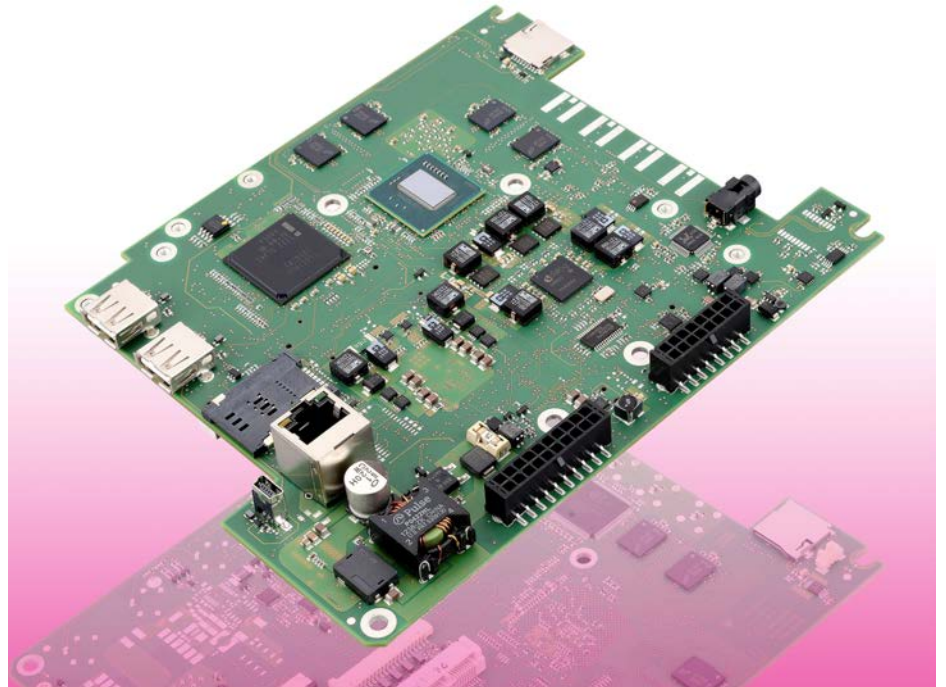
APPLICATIONS

The PROFIVE® E5i was designed as a low power board with an excellent performance-per-watt ratio, powered by the latest Intel® technology.

The E5i finds its field of work in desktop and mobile devices.

- Rugged Industrial Systems
- Medical Solutions
- Rugged Mobile Solutions
- Information Systems
- Measurement & Quality Control
- Realtime Flow Control
- Public Terminal

PROFIVE® E5i



- ▶ Designed for the special needs under industrial temperature conditions from -40°C to +85°C
- ▶ Fanless operation
- ▶ Up to 2 GB DDR2 soldered memory onboard with 800 MHz support
- ▶ Gigabit Ethernet and Power over Ethernet (PoE)
- ▶ 24-bit single channel LVDS on board

- ▶ Up to 2 USB ports
- ▶ One mSATA Socket
- ▶ Headphone / Mic onboard / Analog Mono out
- ▶ The PROFIVE® E5i is ready to support various operating systems
- ▶ Design, Production and Support "Made in Germany"

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LIFE SUPPORT APPLICATIONS

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PROFIVE® E5i

CPU for industrial temperature grade	Intel® Atom™ processor E620T / 600 MHz Core / 512 KB cache / 800 MHz memory E640T / 1.0 GHz Core / 512 KB cache / 800 MHz memory E660T / 1.3 GHz Core / 512 KB cache / 800 MHz memory E680T / 1.6 GHz Core / 512 KB cache / 800 MHz memory
CPU for standard temperature grade	Intel® Atom™ processor E620 / 600 MHz Core / 512 KB cache / 800 MHz memory E640 / 1.0 GHz Core / 512 KB cache / 800 MHz memory E660 / 1.3 GHz Core / 512 KB cache / 800 MHz memory E680 / 1.6 GHz Core / 512 KB cache / 800 MHz memory
BIOS	UEFI-BIOS
Max. memory	Up to 2 GB DDR2 soldered memory onboard
PCI Express® Mini Card	2 Sockets (1 prepared for modem support only)
Serial ATA interface	1 mSata Socket
Gigabit Ethernet	Yes (PoE)
SM / I ² C bus	Yes
USB ports	2 ports
CAN bus	CAN bus port (header)
COM ports	up to 3 (RS232/RS485)
LVDS interface	24-bit single channel LVDS up to 1280x768 @ 60hz (pixel clock rate up to 80 MHz)
Sound	Headphone / Mic onboard / Analog Mono out
GPIO	4x In, 4x out
SD-Card	up to 2 Sockets
Touchscreen Controller	4-wire Header
Max. operating temperature	-40°C to +85°C ambient industrial grade
Max. rel. humidity	95% @ 40°C, non-condensing
Size approx	174,4 mm x 138,5 mm

