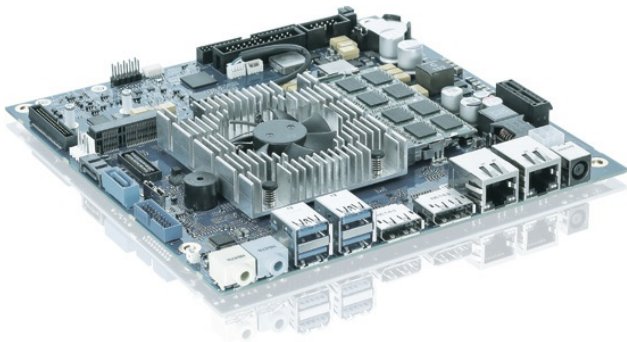


WITH ATOM AND CELERON

Embedded motherboard with CAN

Kontron has added another motherboard to its mITX series. It comes with Intel Atom E39xx und Celeron N3350 CPUs based on the Intel Apollo Lake processor generation.



The motherboard provides a CAN interface (Photo: Kontron)

GiB memory, an mPCIe slot, and eMMC support. To protect applications and licenses, the embedded board is equipped with a TPM 2.0 chip.

The mITX-APL boards come with an installation height of only 2,5 cm which makes them suitable for point-of-sale or point-of-information systems, medical devices, and industrial automation. Compared to the previous versions, the embedded motherboard offers improved graphics and processing performance at a consumption of 6 W to 12 W. Its temperature range is 0 °C to +60 °C.

Due to its range of interfaces, CAN included, it is specifically suitable for IoT applications in production and other demanding environments. The long-term availability of mITX-APL boards is a feature of all Kontron embedded solutions. The product provides one CAN, dual-channel 24-bit LVDS, and two display interfaces. It comes with an SO-DIMM DDR3L-1867 socket for up to 8

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