

3.5" Single Board Computer

3.5"-SBC Family



Low-power Small Form Factor

Ideal to be integrated into a variety of compact fanless systems

Unique Expansion Connector

Easy to expand additional connectors & functions

Commercial & Industrial Operating Temperature

For all environmental conditions

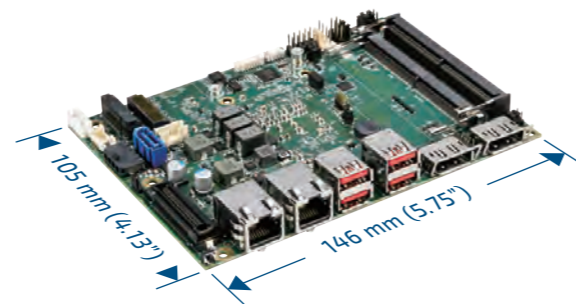


3.5" Single Board Computer

Kontron offers a range of 3.5" single board computers of the high quality, long-term availability and competitiveness to fulfill most different requirements for various applications from diverse vertical markets like Industrial Automation, POS/POI, KIOSK, Digital Signage, Medical, Casino Gaming, Video Surveillance or Transportation.

Kontron's 3.5" single board computers support latest processors and utilize advanced technology components. They are designed for continuous operation (24/7) under harsh operating conditions and on high system load. Most of them come up with three different operating temperature variants: commercial (0 °C ~ 60 °C), extended commercial (-20 °C~ 70 °C) and industrial (-40 °C ~ 85 °C), to cover various environmental conditions of different application scenarios.

Kontron's 3.5" single board computers ensure an extended long-term availability of up to 10 years from the release date, based on embedded key components. In addition, a corresponding portfolio of I/O expansion boards (3.5"-eIO Series) and related 3rd party accessories is also available. Furthermore, Kontron offers many value-added services like detailed documentation, a professional life-cycle management and customizing tools.



3.5"-SBC Family

3.5" Single Board Computer

- Same mechanical design gen-over-gen
- CE / FCC Class B compliant and UR certification
- Full speed USB and Ethernet

3.5"-eIO Series

The comprehensive 3.5" single board computer portfolio is rounded out by a series of I/O and function expansion boards, named 3.5"-eIO.

The 3.5"-eIO expansion boards are designed for Kontron's new generation of 3.5" single board computers with a board-to-board connector soldered on them and can be used to stack additional rear I/O connectors, internal connectors, and expansion slots on the single board computer.

This off-the-shelf expansion board can help system designers reduce time-to-market and development costs. It also minimizes technical risks and creates a more reliable system.



3.5"-eIO-GPA-0



3.5"-eIO-GPA-1



3.5"-eIO-GPA-2-XT

I/O Panel	DP	2	2	2
	2.5 GbE	2	2	2
	DC In	1	0	1
Operating Temp.	Max.	60 °C / 140 °F	60 °C / 140 °F	85 °C / 185 °F
	Min.	0 °C / 32 °F	0 °C / 32 °F	-40 °C / -40 °F



3.5"-eIO-GPA-3



3.5"-eIO-GPA-4-XT



3.5"-eIO-2ETH/4ETH

I/O Panel	DP	0	0	0
	2.5 GbE	2	2	2 / 4
	DC In	0	0	0
Operating Temp.	Max.	60 °C / 140 °F	85 °C / 185 °F	85 °C / 185 °F
	Min.	0 °C / 32 °F	-40 °C / -40 °F	-40 °C / -40 °F



About Kontron

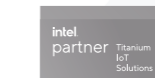
Kontron is a global leader in IoT/Embedded Computing Technology (ECT) and offers individual solutions in the areas of Internet of Things (IoT) and Industry 4.0 through a combined portfolio of hardware, software and services. With its standard and customized products based on highly reliable state-of-the-art technologies, Kontron provides secure and innovative applications for a wide variety of industries. As a result, customers benefit from accelerated time-to-market, lower total cost of ownership, extended product lifecycles and the best fully integrated applications.

For more information, please visit: www.kontron.com

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From modular components to market-ready systems, Intel and the over 1,000+ global member companies of the Intel® Partner Alliance provide scalable, interoperable solutions that accelerate deployment of intelligent devices and end-to-end analytics. Close collaboration with Intel and each other enables Alliance members to innovate with the latest IoT technologies, helping developers deliver first-in-market solutions.

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