Industrial Rackmount PC/Workstations
For Industrial Applications & Embedded Cloud Solutions

Kontron’s Industrial Rackmount PCs and Workstations are designed and tested for challenging environments and are therefore the perfect fit for high temperature and mechanical stress conditions.

All Kontron Industrial Rackmount PCs and Workstations are ideally suited even for complex computing tasks as Artificial Intelligence (AI) and Machine Learning based on processing and analysis of a huge amount of data. Efficient thermal concepts, maintenance-free and customizable designs (in-house), high performance computing and graphics power enable 24/7 operation and long-term deployment.

Industrial Grade
Perfect fit for challenging and rough environments

High Performance Computing
High processing capability and graphics power

Easy Customization
Modular and flexible concept

Designed in Germany
High-reliability and long-term availability

Industrial Rackmount PC KISS Series
Scalable Industrial Rackmount PC for challenging and noise-sensitive environments

Industrial grade for challenging environments: robust, reliable and sustainable

Maximum performance up to 12th/13th Gen Intel® Core™ i9/i7/i5/i3 or Intel® Xeon® processors

Low noise level, 24/7 operation

Modular and flexible concept for easy customization

Various formats available: 1U, 2U, 4U and short versions

Long-term availability (7+ years)

Tool-free replacement of fans, filter mats, or hard disk drives in the removable tray

TSN functionality optionally

Industrial Workstation KWS 3000-ADL
High-performance Industrial Workstation in a compact and rugged mini-tower format

Powerful Workstation with 13th Gen Intel® Core™ processors for Machine Learning, AI workflows and graphics-hungry applications

Industrial grade, shock/vibration resistant, 24/7, long-term availability

Free selectable graphics cards and GPUs

Easy customization

Compact size: 380 x 190 x 380 mm (H x W x D)

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

About the Intel® Partner Alliance
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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<table>
<thead>
<tr>
<th>Computer</th>
<th>12th Gen Core™ 3100</th>
<th>12th Gen Core™ 3100</th>
<th>12th Gen Core™ 3100</th>
<th>12th Gen Core™ 3100</th>
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<tbody>
<tr>
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<td>1.1 kg</td>
<td>1.1 kg</td>
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<td>DIMENSIONS</td>
<td>30 x 22 cm</td>
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<tr>
<td>PROCESSOR</td>
<td>Intel® Core™ i3-12100</td>
<td>Intel® Core™ i3-12100</td>
<td>Intel® Core™ i3-12100</td>
<td>Intel® Core™ i3-12100</td>
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<tr>
<td>MEMORY</td>
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<td>4x 8 GB DDR5-4800</td>
<td>4x 8 GB DDR5-4800</td>
<td>4x 8 GB DDR5-4800</td>
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<td>4x 8 GB DDR5-4800</td>
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<tr>
<td>STORAGE</td>
<td>1x M.2 2280 PCIe drive</td>
<td>1x M.2 2280 PCIe drive</td>
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<td>1x M.2 2280 PCIe drive</td>
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<tr>
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<tr>
<td>POWER Supply</td>
<td>90 W</td>
<td>90 W</td>
<td>90 W</td>
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<tr>
<td>THERMAL Pasting</td>
<td>Thermal paste, 1x 6th Gen Core™</td>
<td>Thermal paste, 1x 6th Gen Core™</td>
<td>Thermal paste, 1x 6th Gen Core™</td>
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<td>ENVIRONMENTAL</td>
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<tr>
<td>OPERATING TEMP.</td>
<td>0 °C to +50 °C</td>
<td>0 °C to +50 °C</td>
<td>0 °C to +50 °C</td>
<td>0 °C to +50 °C</td>
<td>0 °C to +50 °C</td>
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<td>0 °C to +45 °C</td>
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<tr>
<td>ALTITUDE</td>
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<td>0 °C to +50 °C</td>
<td>0 °C to +50 °C</td>
<td>0 °C to +50 °C</td>
<td>0 °C to +50 °C</td>
<td>0 °C to +50 °C</td>
<td>0 °C to +50 °C</td>
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<tr>
<td>VIBRATION</td>
<td>Non-operating: 10-150 Hz: 2G/3 axis</td>
<td>Non-operating: 10-150 Hz: 2G/3 axis</td>
<td>Non-operating: 10-150 Hz: 2G/3 axis</td>
<td>Non-operating: 10-150 Hz: 2G/3 axis</td>
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<tr>
<td>SHOCK</td>
<td>Operating: 10-150 Hz: 1G/3 axis</td>
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<tr>
<td>Front: 2x USB 3.0, opt. 2x USB 3.0</td>
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<td>Front: 2x USB 3.0, opt. 2x USB 3.0</td>
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<td>Front: 2x USB 3.0, opt. 2x USB 3.0</td>
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<tr>
<td>Rear: 4x USB 3.2 Gen 1, 2x USB 3.2 Gen 2, 1x USB-C</td>
<td>Rear: 4x USB 3.2 Gen 1, 2x USB 3.2 Gen 2, 1x USB-C</td>
<td>Rear: 4x USB 3.2 Gen 1, 2x USB 3.2 Gen 2, 1x USB-C</td>
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www.kontron.com/products/systems/workstations