

# KBox A-150-APL

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## DIN RAIL Industrial Computer Platform for Control & Process Optimization

- ▶ High performance with Intel® Pentium® Quad Core™ N4200 processor
- ▶ Fanless passive cooling, turnable heatsink optional
- ▶ Flexible DIN RAIL mounting
- ▶ Broad range of interfaces and expansion capabilities
- ▶ Supports Kontron APPROTECT based on Wibu-Systems CodeMeter® optionally

POSSIBILITIES START HERE

# KBox A-150-APL

## DIN RAIL Embedded Box PC

Developed specifically for control cabinet applications the new KBox A-150-APL offers flexible DIN Rail mounting positions even when space is limited. The fanless design ensures a significantly prolonged lifespan and high system availability.

The KBox A-150-APL offers high processor performance at low power dissipation by an Intel® Pentium® Quad Core™ N4200 processor.

The KBox A-150-APL supports Kontron APPROTECT security solution based on Wibu-Systems CodeMeter® on request. In tandem with a specifically developed software framework, it provides full IP and copy/reverse engineering protection through its optional WIBU-Systems security chip.

The KBox A-150-APL is Microsoft Azure Certified, which makes it perfectly suited for working with Microsoft Azure IoT services.

### ▶ TECHNICAL INFORMATION

<b>PROCESSOR</b>	<b>CPU SPEED BIOS</b>	Intel® Pentium® Quad Core™ N4200 1.1 /2.5 GHz (Burst) AMI® Aptio V5
<b>MEMORY</b>	<b>TECHNOLOGY MAX. CAPACITY</b>	DDR3L 8 GByte
<b>INTERFACES</b>	<b>GRAPHICS PORTS USB ETHERNET SERIAL PORTS</b>	1x Display Port, 1x HDMI 4x USB 3.0 2x 10/100/1000 2x RS232/422/485 2x RS232 option
<b>STORAGE</b>	<b>M.2 SSD HDD SSD</b>	Max. 512 GByte changeable optional drive bay for 2.5" Slim SSD
<b>MISCELLANEOUS</b>	<b>Audio</b>	optional
<b>EXPANSION</b>	<b>MINI PCIe/ PCIe</b>	1x mPCIe
<b>SOFTWARE SUPPORT</b>	<b>MICROSOFT WINDOWS LINUX</b>	Windows10IoT Ubuntu
<b>POWER</b>	<b>INPUT VOLTAGE RANGE</b>	9...30 VDC
<b>MECHANICAL</b>	<b>CONSTRUCTION MOUNTING DIMENSIONS (W x H x D) WEIGHT</b>	Steel DIN RAIL 180 x 50 x 134 mm (with drive bay: H: 58 mm) ca 1.0 kg
<b>ENVIRONMENT</b>	<b>COOLING OPERATING TEMPERATURE RELATIVE HUMIDITY</b>	Fanless passiv 0 °C - 50 °C ambient 10 %-90 % @ 39 °C, non condensing
<b>APPROVALS</b>	<b>CERTIFICATIONS</b>	CE, Safety EN60950, Emission EN55022 class B

### ▶ Global Headquarters

#### Kontron S&T AG

Lise-Meitner-Str. 3-5  
86156 Augsburg, Germany  
Tel.: + 49 821 4086 0  
Fax: + 49 821 4086 111  
info@kontron.com  
[www.kontron.com](http://www.kontron.com)



#### HY-LINE Computer Components Vertriebs GmbH

Inselkammerstr. 10 | 82008 Unterhaching

+49 89 / 614 503 40

+49 89 / 614 503 50

[computer@hy-line.de](mailto:computer@hy-line.de)

[hy-line-group.com](http://hy-line-group.com)  
LEADER IN TECHNOLOGY.

