

KBox A-150-APL



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

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