

KBox A-153-APL



DIN RAIL INDUSTRIAL COMPUTER PLATFORM FOR CONTROL & PROCESS OPTIMIZATION

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

POSSIBILITIES START HERE



KBox A-153-APL

DIN RAIL EMBEDDED BOX PC

Developed specifically for control cabinet applications the new KBox A-153-APL with a turnable heatsink 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-153-APL offers high processor performance at low power dissipation by an Intel® Pentium® Quad Core™ N4200 processor.

The KBox A-153-APL supports Kontron's Security Solution APPROTECT 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-153-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 16 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	Max. 512 GByte changeable
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 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

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