

KBox A-154-KBL



DIN RAIL INDUSTRIAL COMPUTER PLATFORM FOR CONTROL & PROCESS OPTIMIZATION

- ▶ High performance with Intel® Core™ i5-7300U 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-154-KBL

DIN RAIL EMBEDDED BOX PC

Developed specifically for control cabinet applications the new KBox A-154-KBL 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-154-KBL offers high processor performance at low power dissipation by an Intel® Core™ i5-7300U processor.

The KBox A-154-KBL 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-154-KBL is Microsoft Azure Certified, which makes it perfectly suited for working with Microsoft Azure IoT services.

► TECHNICAL INFORMATION

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| PROCESSOR | CPU SPEED BIOS | Intel® Core™ i5-7300U 2.6 / 3.5 GHz (Burst) AMI® Aptio V5 |
| MEMORY | TECHNOLOGY MAX. CAPACITY | DDR4 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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