

➤ JReX-BOX



Wallmount/DIN Rail BOX PC

- JReX-PM, JReX-CE
Integrated HDD, CF accessible, integrated AC or DC powersupply
- JFLEX Communication, or JFLEX Serial GPIO, Sound
- Imperisable
Shock resistant HDD, low power design, extreme compact

➤ Product Overview

Kontron's JRex-IBOX wall mount/DIN rail mount industrial box PCs can be used for various applications as Fieldbus Applications, System, Process Control, Firewall and in Embedded Applications. The JRex-IBOX is specifically designed for use within factories and other harsh industrial environments. With Fieldbusses or Industrial I/Os, you can realize all requirements to control your machine. In spite of the waiving of fans and due to the low power design the system operates in an environment from 0° to 50°C.

With its passive Heat Pipe concept the JRex-IBOX is developed for permanent operation without maintenance. Snap the system on a DIN rail or mount it to a wall, due to the compact design you will find everywhere space for mounting. Supporting embedded operating system turns the JRex-IBOX into a real embedded system.

➤ Technical Information

J-Rex	JRex-PM, JRex-CE
Memory	Up to 1 GB DDR
Cooling	chassis fan
Drive Bays	CompactFlash and internal HDD 2,5" up to 80 GB
Expansion Slot	1x J-FLEX, w/o HDD 2x J-FLEX
Interfaces	1x Ethernet, VGA, 2x USB, 1x COM
Power Supply	24V DC integrated, optional AC 110-240 VAC internal
Altitude	operating: 15,000 ft (5,000m), storage: 30,000 ft (9,144m)

EMC	US: FCC47 CFR part15, Class A level Europe: EN 50081-1/-2 (emission) EN 50082-1/-2 (immunity) EN 55022/A, 1994 (CISPR22)
Safety	CE, meets TUV and UL
Shock	operating: 10G 11ms duration, 6-axis (half-sine) storage: 30G 11ms duration, 6-axis (half-sine)
Vibration	operating: 10-58 Hz: ±0,075mm, 58-500 Hz: 1G sine/6-axis storage: 10-58 Hz: ±0,015mm, 58-500 Hz: 2G sine/6-axis
Temperature/Humidity (*)	operating: depending on processor storage: -20° to 70°C/0 to 95% @ 40°C not condensing (-4° to 149°F/0 to 95% @ 104°F not condensing)

(*) see manual for details



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