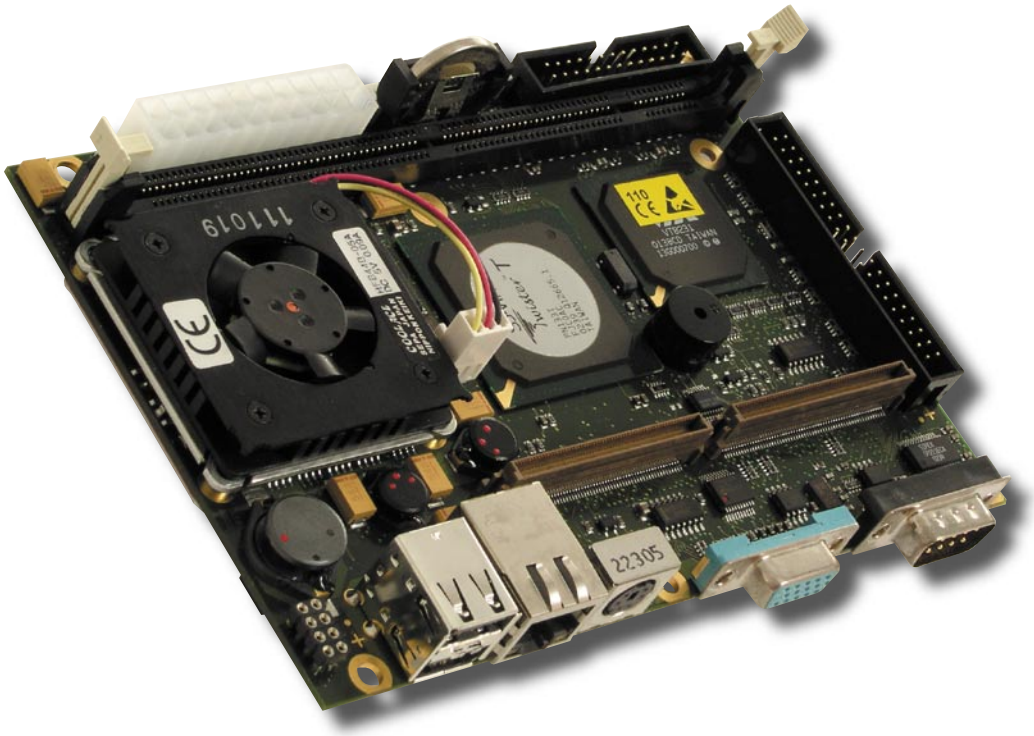
JRex-P3



- Fast performing Visualisation and Communication
- Low Power Intel® Pentium® III 700 MHz
- Up to 512 MByte SDRAM, 32 MByte VRAM (UMA)
- Member of the JRex 3.5“ board family

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If it's Embedded, it's Kontron

Product Overview

Each **JRex** is a member of the 3.5" board family. JRex modules are characterized by the same pinout and interface for Reset, ATX feature, 2xUSB, FAST LAN, Keyboard/Mouse-socket, Compact-Flash™, VGA and COM1. This family feature allows to reuse chassis and maximizes design re-use.
This **JRex-P3** hosts a mobile Intel® Pentium® III processor at 700MHz. A SDRAM-DIMM socket for up to 512 MByte allows the use of standard desktop memory and full ATX power supply is as well a standard feature. These homogeneous features facilitate easy upgrades within the JRex product family. The graphic controller is included in the chipset, that performs with up to 32 MByte UMA. Connection of displays is simplified when using these units which are complete with a JILI-Interface (JUMPtec® Intelligent LVDS Interface). JILI automatically recognizes which display is connected and independently sets all video parameters. All JRex are plug-and-work enabled to further reduce time-to-market.

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Technical Data

- **3.5" Single Board Computer**
- **CPU:** Intel® Pentium® III, 700 MHz with fan
- **On chip Graphics:** on VIA "TwisterT" chipset, up to 32 MByte UMA Video RAM, JILI-Interface for instant panel adaption, VGA-interface for CRT
- **SDRAM:** SDRAM-DIMM up to 512 MByte
- **CompactFlash Socket** Type 1
- **10/100 BaseT Ethernet** ✓
- **EIDE harddisk interface** ✓
- **Floppy Disk interface** ✓
- **Printer interface** ✓
- **Keyboard/Mouse** ✓
- **RS232C** 1x
- **USB** 2x
- **Reset/ATX feature button** ✓
- **LANBoot** ✓
- **DarkBoot** ✓
- **Watchdog** ✓
- **Real Time Clock** ✓
- **JFLEX™ extension** ✓
- **Dimensions:** 102 x 147 mm
- **Power Supply:** ATX or AT power supply
- **Plug´n Play compatible to any other JRex and therefore exchangeable**
- **Temperature:** operation: 0° to 60°C
storage: -10° to 85°C
- **Humidity:** operation: 10% to 90%
storage: 5% to 95%

Article	Part.-No.	Description
JRex-P3	02002-0000-70-1	Low Power Intel® Pentium® III processor with 700MHz, fan, ATX
JRex-P3	02002-0005-70-1	Low Power Intel® Pentium® III processor with 700MHz, fan, AT
	common features:	VIA TwisterT chipset, VGA/LCD on-chip, 10/100Base-T, 1xCOM,
		2xUSB, LPT, IDE. JFLEX extention. SDRAM-DIMM-socket for up to
		512 MByte, Compact-Flash™ socket. JILI-Interface

Article	Part.-No.	Article	Part.-No.
Compact Flash cards	Optional	ADA-FLOPPY-2	96001-0000-00-0
KAB-JILI display cables	Optional	KAB-IDE-1	96022-0000-00-0
SDRAM-DIMM modules	Optional	KAB-DSUB25-1	96015-0000-00-0
JFLEX modules	Optional		

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