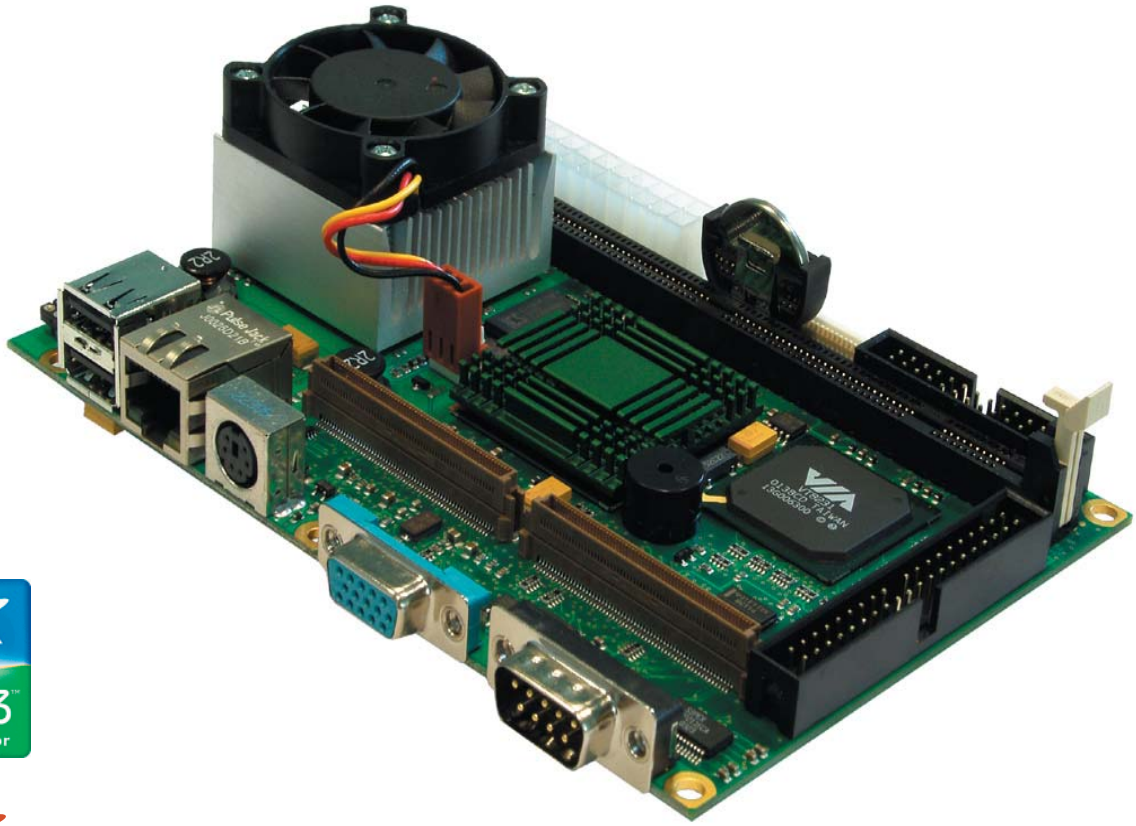
JRex-VC

3.5" embedded line



VIA C3 Processor

READY FOR Microsoft Windows CE

VIA Eden Embedded System Platform

- **New**
  Now with VIA C3™ 1.0 GHz and PadLock™ Data Encryption Engine
- **Storage**
  Up to 1 GByte SDRAM-DIMM
- **Money**
  Best price/performance ratio
- **Easy**
  Reduced time-to-market, plug-and-work

kontron ... always a Jump ahead!

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 2xUSB, FAST LAN, Keyboard/Mouse-socket, CompactFlash™, VGA and COM1. This family feature allows to reuse chassis and maximizes design re-use.
This **JRex-VC** hosts a VIA C3™ 1.0 GHz processor. The boards performance is enhanced by up to 133 MHz FSB and UMDA-100 EIDE. A SDRAM-DIMM socket for up to 1 GByte 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.
JRex...

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Technical Information

3.5" Single Board Computer
CPU:
VIA C3™ 1.0 GHz (fan), with PadLock™ Data Encryption Engine
On chip grahics:
on VIA Twister™ T chipset, S3 Savage 4™ Engine, up to 32 MByte UMA Video RAM JILI-Interface for instant panel adaption VGA-Interface for CRT
SDRAM:
SDRAM-DIMM up to 1 GByte
CompactFlash™:
Type 1 Socket
Ethernet:
10/100 BaseT
HD/FD:
EIDE UMDA 100/ ✓
LPT:
✓
Keyboard/Mouse:
✓/✓
ATX feature button:
accessory

USB/RS232:
2x / 1x
Reset:
✓
LANBoot/DarkBoot:
✓/✓
USBBoot:
✓
Watchdog:
✓
JFlex™ extension:
✓
Dimensions:
102 x 147 mm
Power Supply:
ATX or AT power supply
Temperature (*)
operation: 0° to 60°C, storage: -10° to 85°C
Humidity
operation: 10% to 90%, storage: 5% to 95% (non condensing)
Plug´n Play compatible to any other JRex and therefore exchangeable

Ordering Information

Article	Part.-No.	Description
JRex-VC	02003-0000-10-2	VIA C3™ processor with 1.0 GHz, fan, ATX
JRex-VC	02003-0005-10-2	VIA C3™ processor with 1.0 GHz, fan, AT
	common features:	VIA Twister™ T chipset, VGA/LCD on-chip, 10/100 Base-T, 1xCOM, 2xUSB, LPT, FDC, EIDE, JFLEX™ extension, SDRAM-DIMM-socket for up to 1 GByte, CompactFlash™ socket, JILI-Interface

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