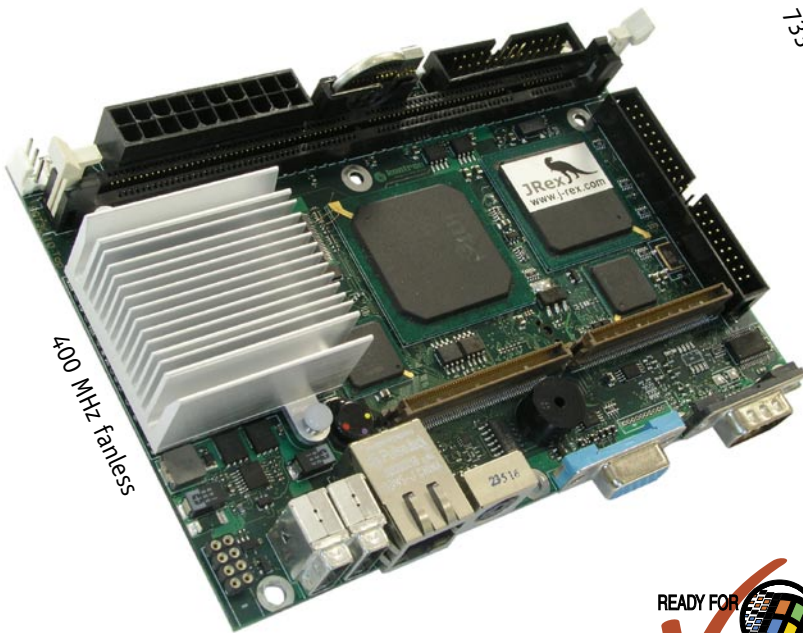


➤ JRex-CE

3.5" embedded line 



Intel®
Communications
Alliance
Associate Member
SILVER

- Intel® ULV Celeron® 400 MHz Fanless
- LV Celeron® 733 MHz, 815 chipset
- USB 2.0, onchip Graphics included
- onboard TTL for touch panel or GPS device
- 4x GPIO
- 2x 24bit LVDS
- Fastest embedded performance at best price



➤ 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, Compact-Flash™, VGA and COM1. This family feature allows to reuse chassis and maximizes design re-use.

This **JRex-CE** hosts an Intel® LV/ULV Celeron® processor at 400/733 MHz. A SDRAM-DIMM socket for up to 512 MByte allows the use of standard desktop memory and full ATX power supply (or 5V only) 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 12 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.

➤ Technical Data

➤ 3.5" Single Board Computer

- **CPU:** Intel®
ULV Celeron®400 MHz passive
LV Celeron® 733 MHz active cooling
- **Chipset:** Intel® 815, ICH4
- **Chipset features:** integrated USB 2.0,
integrated CRT/LCD, 2x 24bit LVDS
- **On chip Graphics:** Intel® Graphics,
up to 12 MByte UMA VRAM
- **RAM:** SDRAM-DIMM
- **CompactFlash Socket** Type 1
- **10/100 BaseT Ethernet** ✓
- **EIDE harddisk interface** ✓, UDMA-100
- **Floppy Disk interface** ✓
- **Printer interface** ✓
- **Keyboard/Mouse** ✓
- **RS232C / TTL** DSUB / internal

- **4x GPIO** ✓
- **USB 2.0** 2x
- **LAN/USB Boot** ✓
- **DarkBoot** ✓
- **Watchdog** ✓
- **HW monitor:** ✓
- **Real Time Clock** ✓
- **JFLEX™ extension** ✓
- **Dimensions:** 102 x 147 mm
- **Power Supply:** ATX or 5V power supply
- **Plug'n Play compatible to any other JRex (ATX optional) and therefore exchangeable**
- **Reset/ATX feature button** accessory
- **Temperature:** operation: 0° to 60°C
storage: -10° to 85°C
- **Humidity:** operation: 10% to 90%
storage: 5% to 95%
(non condensing)

...always a Jump ahead!

➤ Ordering Information

Article	Part.-No.	Description
JRex-CE	02005-0000-40-1	Intel® ULV Celeron® processor with 400MHz, fanless, ATX
JRex-CE	02005-0005-40-1	Intel® ULV Celeron® processor with 400MHz, fanless, 5V
JRex-CE	02005-0000-73-1	Intel® LV Celeron® processor with 733MHz, fan, ATX
JRex-CE	02005-0005-73-1	Intel® LV Celeron® processor with 733MHz, fan, 5V
		Longevity secured - will be available as lead free!
	common features:	Intel® 815/ICH4 chipset, VGA/LCD on-chip, 10/100Base-T, 2x COM, 2x USB, LPT, IDE, JFLEX extension. SDRAM-DIMM-socket, Compact-Flash™ socket. CRT and JILI-Panel-Interface. 4x GPIO

➤ Corporate Offices

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