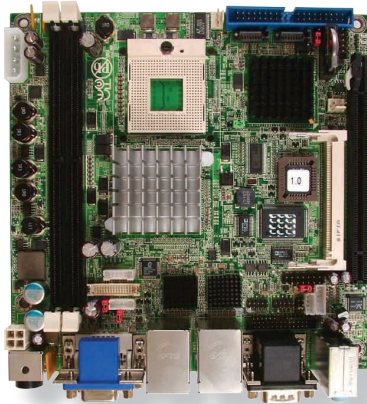




# ITX-i7435

Intel® Socket 479 Pentium® M/Celeron® M Embedded Mini-ITX Motherboard



## Features

- Support Intel® Socket-479 Mobile Processors
- Highly Integrated Video Function
- 18/36-bit LVDS, DVI and Analog RGB
- Support Dual Independent Displays
- Dual Gigabit Ethernet
- Multi-expansion (2 x SATA Ports 8 x USB 2.0 Ports, 2 x Serial Ports, 1 x PCIe x16 Expansion Slot)
- DC12V Power Input

## System

<b>CPU</b>	Intel® Socket 479 Pentium® M/Celeron® M CPU up to 400/533MHz FSB
<b>Memory</b>	2 x 240-pin DDR2 DIMM Sockets up to 2GB at 400/533MHz
<b>Chipset</b>	Intel® 915GME + ICH6M
<b>BIOS</b>	Phoenix-Award PnP Flash BIOS
<b>Storage</b>	1 x Ultra ATA 100 port 2 x Serial ATA ports with 150MB/s HDD transfer rate
<b>Flash Disk</b>	1 x CompactFlash Type II Socket
<b>Watchdog Timer</b>	1~255 levels reset

## I/O

<b>Serial Port</b>	1 x RS-232 port 1 x RS-232/422/485 selectable port
<b>Parallel Port</b>	SPP/EPP/ECP mode
<b>Floppy</b>	1 x Floppy disk port (shared with LPT port)
<b>IrDA</b>	1 x SIR IrDA 1.1 compliant
<b>USB Port</b>	8 x USB 2.0 ports
<b>Digital I/O</b>	8-bit programmable Digital Input/Output
<b>Expansion Bus</b>	1 x PCIe x16 slot 1 x Mini PCI socket

## Ethernet

<b>Chipset</b>	2 x Intel® 82573V PCIe Gigabit Ethernet controllers (ITX-i7435VL2G) 2 x Realtek 8111B PCIe Gigabit Ethernet controllers (ITX-i7435VL2G/ATX)
----------------	--

## Audio

<b>CODEC/Interface</b>	Realtek ALC655 AC97 6 Channel Audio CODEC, Mic-in/Line-in/Line-out
------------------------	--

## Display

<b>Graphics Chipset</b>	Intel® 915GME Integrated GMA900, shared system memory up to 128MB
<b>Graphics Interface</b>	Analog RGB support up to 2048 x 1536 LCD support Dual Channels 18-bit LVDS up to 1920 x 1200 DVI support 10-bit up to 1600 x 1200

All specifications are subject to change without notice.

## Mechanical & Environmental

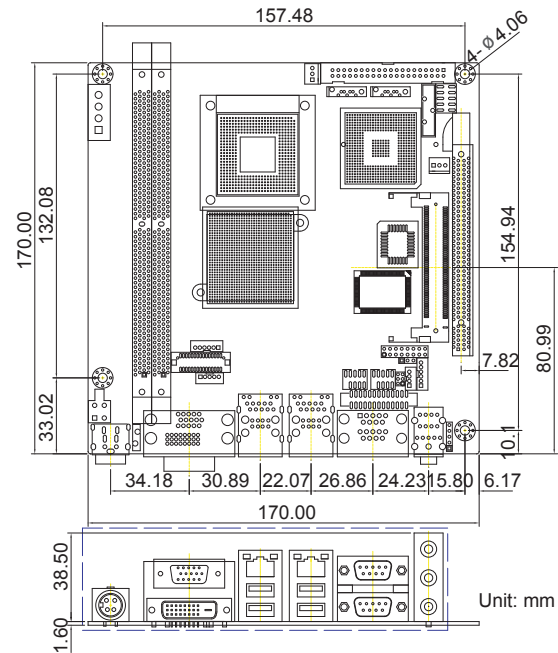
**Power Requirement** ITX-i7435VL2G: +12V input (4-pin DC jack)  
ITX-i7435VL2G/ATX: 20-pin ATX connector

**Operating Temp.** 0 ~ 60°C (32 ~ 140°F)

**Operating Humidity** 0 ~ 90% (non-condensing)

**Dimensions (L x W)** 170 x 170 mm (6.7" x 6.7")

## Dimensions



## Ordering Information

<b>ITX-i7435VL2G</b>	Intel® Socket 479 Pentium® M/Celeron® M embedded Mini-ITX motherboard
<b>ITX-i7435VL2G/ATX</b>	ITX-i7435VL2G with ATX power
<b>CBK-07-7435-00</b>	Cable kit 1 x IDE Flat cable 1 x Print cable 1 x Serial ATA cable 2 x USB cables 1 x LPT to FDD cable 1 x KB & MS cable

Computer on Module

Compact Board

Slot Board

Industrial Motherboard

Wide Temperature

SBC Daughterboard /Power Connector /Mounting Kit

Rugged Tablet PC

Medical PC

Industrial Panel PC/Monitor

Box PC

Industrial Chassis /Backplane/Power supply