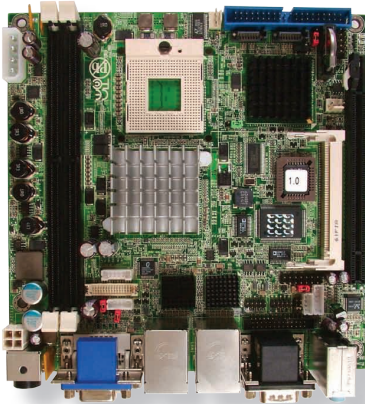




ITX-i7435

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

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

I/O

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

Ethernet

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

CODEC/Interface	Realtek ALC655 AC97 6 Channel Audio CODEC, Mic-in/Line-in/Line-out
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Display

Graphics Chipset	Intel® 915GME Integrated GMA900, shared system memory up to 128MB
Graphics Interface	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

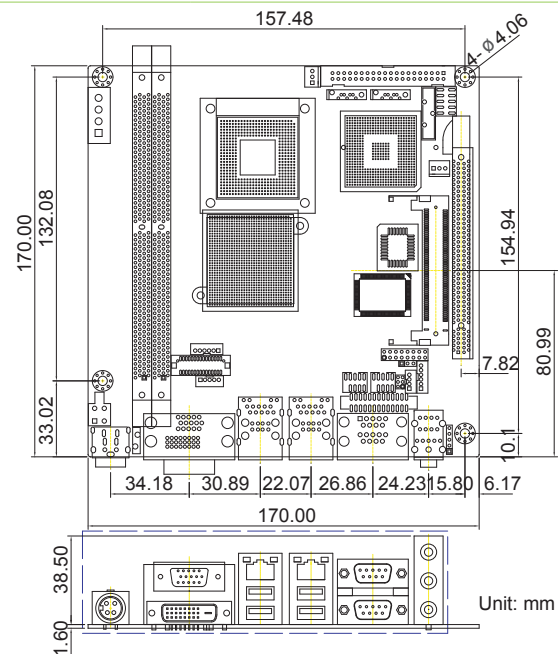
Power Requirement	ITX-i7435VL2G: +12V input (4-pin DC jack) ITX-i7435VL2G/ATX: 20-pin ATX connector
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Operating Temp.	0 ~ 60°C (32 ~ 140°F)
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Operating Humidity	0 ~ 90% (non-condensing)
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Dimensions (L x W)	170 x 170 mm (6.7" x 6.7")
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Dimensions



Ordering Information

ITX-i7435VL2G	Intel® Socket 479 Pentium® M/Celeron® M embedded Mini-ITX motherboard
ITX-i7435VL2G/ATX	ITX-i7435VL2G with ATX power
CBK-07-7435-00	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