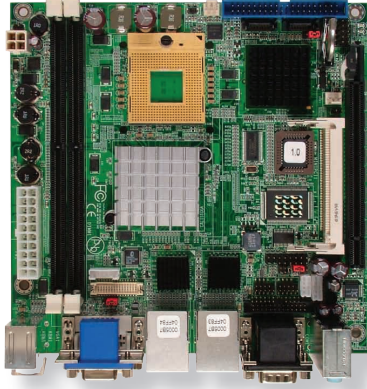




ITX-i9453

Intel® Socket M Core™ 2 Duo Embedded Mini-ITX Motherboard



Features

- Support Intel® Socket M Mobile Processors
- Support Analog RGB, DVI, and Dual Channels 18-bit LVDS (Dual Channels 24-bit LVDS Optional)
- Support Dual Independent Displays
- Dual Gigabit Ethernet
- Multi-expansion (2 x SATA Ports, 8 x USB 2.0 Ports, 2 x Serial Ports, PCIe x16)
- **Extended Operating Temp.: -20 ~ 70°C**

System

CPU	Intel® Socket M Core™ Duo/Core™ 2 Duo/Celeron® M CPU up to 667MHz FSB
Memory	2 x 240-pin dual channels DDR2 DIMM Sockets up to 4GB at 400/533/667MHz
Chipset	Intel® 945GME + ICH7M
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
KB/MS	1 x PS/2 interface for Keyboard and Mouse
Digital I/O	8-bit Digital Input/Output, 4 in/4 out
Expansion Bus	1 x PCIe x16 slot 1 x Mini PCI socket

Ethernet

Chipset	2 x Intel® 82573V PCIe Gigabit Ethernet controllers
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Audio

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

Graphics Chipset	Integrated with Intel® Graphics Media Accelerator (GMA950) or expand via PCIe x16 lanes
Graphics Interface	Analog RGB support up to 2048 x 1536 LCD support Dual Channel 18-bit LVDS up to 1280 x 800 (Dual Channels 24-bit LVDS optional) DVI support 10-bit support up to 1600 x 1200

Mechanical & Environmental

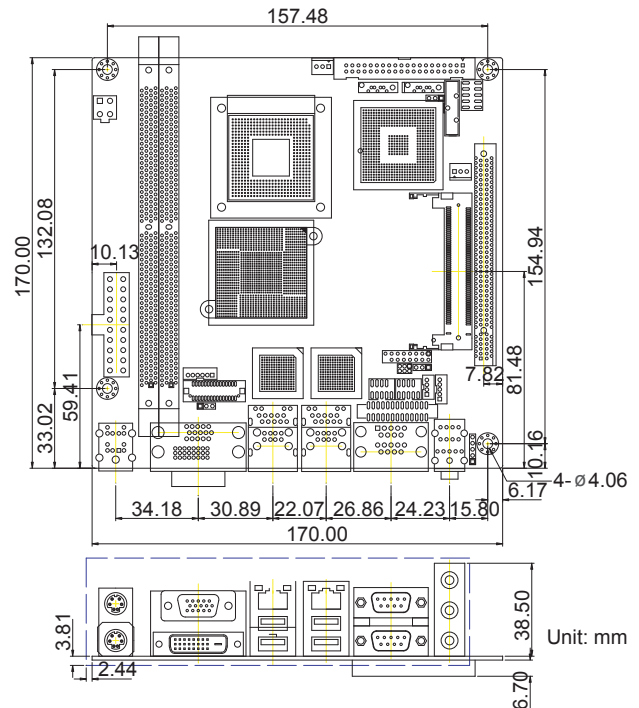
Power Requirement 20-pin+ 4-pin ATX connector

Operating Temp. -20 ~ 70°C (-4 ~ 158°F)

Operating Humidity 0 ~ 95% (non-condensing)

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

Dimensions



Ordering Information

ITX-i9453VL2G	Intel® Socket M Core™ 2 Duo Mini-ITX motherboard
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

All specifications are subject to change without notice.