

ITX-i9453

Industrial Mini-ITX Intel Core™ Duo processor Motherboard
with CRT, LCD, TV-out, Dual LAN and PCI-Express



Features

- Support Socket 478 Intel Core™ Duo /Solo processors
- Support by PCI-Express x 16 expansion slot
- Support Dual Channel DDRII SDRAM up to 2GB
- Support Dual Display (Independent Display)
- Support LVDS & DVI, CRT & TV-out
- Support 2 Serial ATA ports
- Support 8 USB2.0 ports
- Support Wireless from Mini PCI
- RoHS Compliant

System

CPU	Support Socket 478 Intel Core™ Duo /Solo processors
Memory	Two 240Pin Dual channel DDR2 SDRAM DIMM Socket up to 2GB
Chipset	Intel 945GM + Intel ICH7M
BIOS	Phoenix-AWARD version 6.0PG, Support 4MB Flash ROM
Serial ATA	2 x Serial ATA with 300MB/s transfer rate
ATA/IDE	1 x Ultra DMA 100, support 2 IDE devices
Flash Disk	1x Type II Compact Flash Disk Socket
Watchdog Timer	1~255 level Reset

I/O

Serial Port	COM1: RS-232 COM2: RS-232/422/485 Select
Parallel Port	SPP/EPP/ECP modes
Floppy Disk	Support 1 floppy disk drive share with LPT port
IrDA	1 x SIR IrDA 1.1 compliant
USB Port	8 x USB 2.0 compliant
Expansion Bus	By PCI-Express x 16 slot 1 x Mini PCI socket
KB / MS	1 x PS2 K/B and Mouse

Ethernet

Chipset	Dual Intel 82573V 10/100/1000 Base-T Ethernet LAN
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Audio

Codec/Interface	Intel ICH7M integrated with Realtek ALC655 5.1 CH AC97 Codec, support Mic-in / Line-in / Line-out
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Display

Graphics Chipset	Intel 945GM integrated GMA 950 support dual display, up to 192MByte Video RAM
Graphics Interface	CRT support up to 2048x1536 LCD support 18/36 bit LVDS UXGA up to 1600 x1200 TV-Out support NTSC / PAL, up to 1024 x768 DVI support 12bit up to 1204 x 768

Mechanical & Environmental

Power Type	ATX Power supply
Operating Temp.	0 ~ 60°C (32~140°F)
Operating Humidity	0 ~ 95% (non-condensing)
Dimension (Lx W)	170 x 170mm (6.7" x 6.7")

Ordering Information

ITX-i9453VL2G	Intel Core™ Duo /Solo processor (FSB 667MHz) Industrial Mini-ITX Motherboard with CRT/LCD/TV-Out, Dual Gigabit LAN, SATA II, PCI-Express
Cable Kit	CBK-07-7435-00