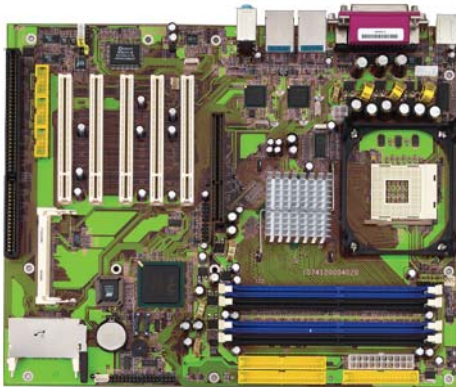


# MB-i7412

**ATX Pentium 4/Celeron FSB800Mhz Industrial Motherboard with 4 x COM, SATA, Audio & Dual LAN**



## Features

- \* Support Intel Pentium 4 CPU, Supporting Hyper-Threading Technology with FSB533/800Mhz System Bus
- \* Support Intel Pentium 4 M CPU with FSB400Mhz
- \* Dual Channel 4 x 184Pin DIMM Slot up to 4GB DDR 400/333/266 SDRAM
- \* Dual Intel 10/100Mbps LAN
- \* 3 x RS-232, 1 x RS232/422/485
- \* AGP 4X/8X Slot
- \* 8 x USB 2.0

## System

Model	MB-i7412VL	MB-i7412VL2
CPU	Intel Pentium 4 socket 478 CPU up to 3.4Ghz FSB400/533/800Mhz	
Cache	2nd level 1MByte	
Memory	4 x 184Pin DIMM up to 4GB DDR SDRAM	
Chipset	Intel 865GV + ICH5	
BIOS	Phoenix-AWARD PnP Flash BIOS	
ATA / IDE	2 x Ultra DMA100, Support 4 IDE drives	
SATA / IDE	2 x Serial ATA 150, Support 2 IDE drives	
Expansion Bus	1 x 4X/8X AGP Slot	1 x 4X/8X AGP Slot
	5 x 32bit/33Mhz PCI Slot 1 x ISA Slot	5 x 32bit/33Mhz PCI Slot 1 x ISA Slot
	None	1 x Compact Flash Disk Socket
	None	1 x 32bit/33Mhz Mini PCI Socket
Watchdog Timer	255-level Reset	

## I/O

Model	MB-i7412VL	MB-i7412VL2
Serial port	1 x DB9 port(COM1)	1 x DB9 port(COM1)
	1 x RS-232 port(COM2)	2 x RS-232 ports(COM3/4) 1 x RS-232/422/485 port (COM2)
Parallel port	SPP/EPP/ECP mode	
Floppy	Support 2 Floppy disk drives	
IrDA	None	1 x SIR IrDA 1.1 compliant
USB port	6 x USB 2.0 compliant	8 x USB 2.0 compliant
Digital I/O	None	8 bit Digital Input/Output
KB & MS	1 x PS2 K/B and Mouse	

## Ethernet

Model	MB-i7412VL	MB-i7412VL2
Chipset	Intel 82562EZ 10/100base-T	Dual 10/100base-T (Intel 82562EZ + 82551QM)
Optional	Dual 1000base-T(Intel 82547GI + 82541PI)	

## Audio

Codec / Interface	Realtek ALC655 AC97 Codec, support Mic-in/Line-in/ Line-out
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## Display

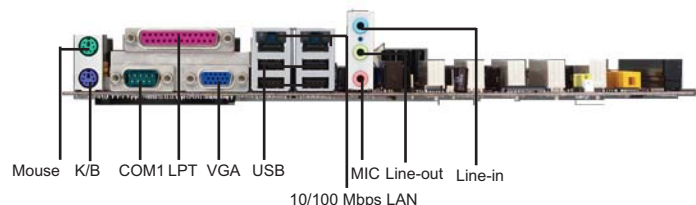
Graphics Chipset	Intel 865GV Extreme Graphics2 Engine up to 64Mbyte UMA Video RAM
	Graphics Interface
SCDB-1180(Optional)	LCD support 18/24/36/48bit LVDS up to 1600 x 1200 LCD support 18/24/36/48bit TTL up to 1600 x 1200
	SCDB-1181(Optional)

## Others

Hardware Monitor	Voltage and Temperature Sensing Power management support for ACPI 1.1
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## Mechanical & Environmental

Operating Temperature	0 ~ 60°C
Operating Humidity	0% ~ 90%, Non-condensing
Dimension (W x L)	305 x 244 mm (12" x 9.6")



## Ordering Information

MB-i7412VL	ATX, Intel Pentium 4/Celeron FSB800Mhz Industrial Motherboard with 2 x COM, SATA, Audio, Single Fast LAN
MB-i7412VL2	ATX, Intel Pentium 4/Celeron FSB800Mhz Industrial Motherboard with 4 x COM, SATA, Audio, Dual Fast LAN
MB-i7412VLG2 (optional)	ATX, Intel Pentium 4/Celeron FSB800Mhz Industrial Motherboard with 4 x COM, SATA, Audio, Dual Gigabit LAN
Cable kit	CBK-09-7412-00