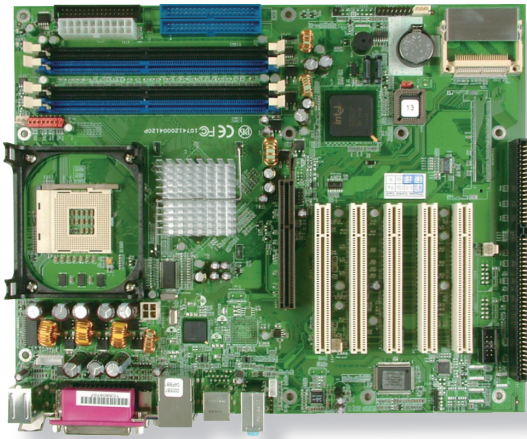




# MB-i7412

ATX Pentium 4 Socket 478 Industrial Motherboard with CRT, 4 x COM, SATA, Audio & Dual LAN



## Features

- Support Intel Pentium 4 Socket 478, Supporting Hyper-Threading Technology with FSB5400/433/800MHz
- Support Dual Channel DDR SDRAM up to 4GB
- Support Dual Intel 10/100 Base-T Ethernet
- Support 3 x RS-232, 1 x RS-232/422/485
- Support AGP 4X/8X Slot
- Support 8 x USB 2.0 Ports
- **Support 1 x ISA Slot**

## System

<b>CPU</b>	Socket 478 Intel Pentium 4 CPU up to 3.4GHz FSB400/533/800MHz
<b>Cache</b>	2nd level 1MByte
<b>Memory</b>	4 x 184-pin DIMM up to 4GB DDR SDRAM
<b>Chipset</b>	Intel 865G + ICH5
<b>BIOS</b>	Phoenix-Award PnP Flash BIOS
<b>ATA/IDE</b>	2 x Ultra DMA100, support 4 IDE drives 2 x Serial ATA (150MB/s), support 2 IDE drives
<b>Watchdog Timer</b>	255-level Reset

## I/O

Model	MB-i7412VL	MB-i7412VL2
<b>Serial Port</b>	1 x DB9 port (COM1) 1 x RS-232 port (COM2)	1 x DB9 port (COM1) 2 x RS-232 ports (COM3, 4) 1 x RS-232/422/485 port (COM2)
<b>Parallel Port</b>		SPP/EPP/ECP mode
<b>Floppy</b>		Support 2 Floppy disk drives
<b>IrDA</b>	None	1 x SIR IrDA 1.1 compliant
<b>USB Port</b>	6 x USB 2.0 compliant	8 x USB 2.0 compliant
<b>Digital I/O</b>	None	8 bit Digital Input/Output
<b>KB/MS</b>		1 x PS2 K/B and Mouse
<b>Expansion Bus</b>		1 x 4X/8X AGP Slot 5 x 32 bit/33MHz PCI Slot 1 x ISA Slot 1 x CompactFlash Disk Socket 1 x 32 bit/33MHz Mini PCI Socket

## Ethernet

Model	MB-i7412VL	MB-i7412VL2 (Optional)
<b>Chipset</b>	Intel 82562EZ 10/100 base-T	Dual 10/100 base-T (Intel 82562EZ + 82551QM)

## Audio

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

<b>Graphics Chipset</b>	Intel 865GV Extreme Graphics2 Engine up to 64Mbyte UMA Video RAM
<b>Graphics Interface</b>	CRT Support up to 2048 x 1536

## Mechanical & Environmental

<b>Power Type</b>	ATX 20-pin + 4-pin (12V)
<b>Operating Temp.</b>	0 ~ 60°C (32 ~ 140°F)
<b>Operating Humidity</b>	0 ~ 90% (non-condensing)
<b>Dimension (L x W)</b>	305 x 244 mm (12" x 9.6")

## Ordering Information

<b>MB-i7412VL</b>	Industrial Pentium 4 socket 478 Motherboard with CRT, 2 x COM, SATA, Audio and LAN ATX, Intel Pentium 4/Celeron FSB800MHz
<b>MB-i7412VL2 (Optional)</b>	Industrial Pentium 4 socket 478 Motherboard with CRT, 4 x COM, SATA, Audio and Dual LAN
<b>Cable Kit</b>	CBK-07-7412-00 <span style="float: right;">Page 5-2</span>
<b>FCDB-1180</b>	AGP Card w/LVDS/TTL/TV-out

All specifications are subject to change without notice.