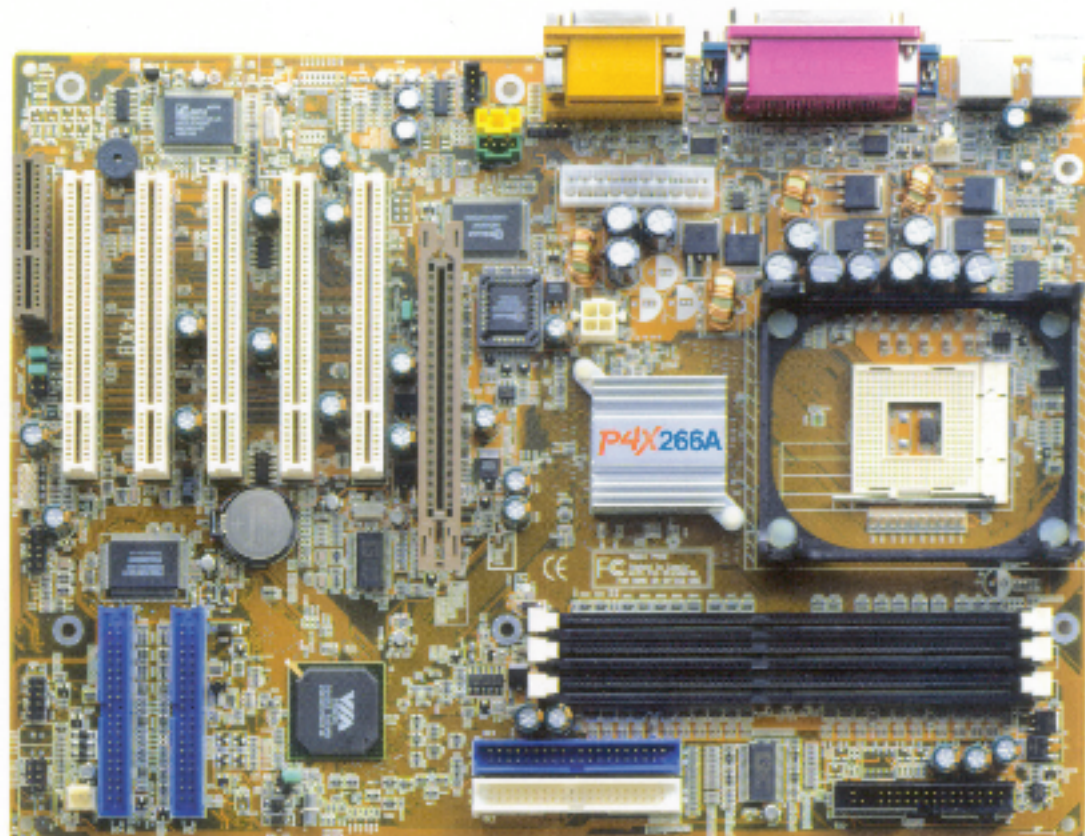




## VIA P4XB-RA Mainboard

*Harnessing the Power of DDR266 SDRAM for the  
Intel® Pentium® 4 Processor*

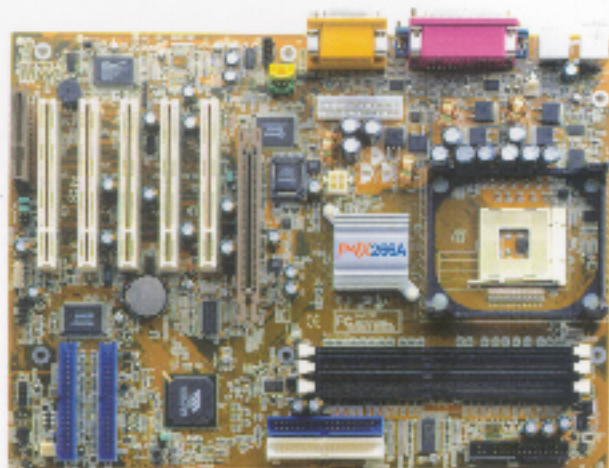


Based around the VIA Apollo P4X266A chipset, the feature rich VIA P4XB-RA mainboard supports a complete range of 478-pin Intel® Pentium® 4 processors running at speeds of up to 2GHz and beyond. With a memory performance increase of up to 20% over its nearest competitor, the VIA Apollo P4X266A chipset delivers the highest levels of performance currently attainable on the Intel® Pentium® 4 platform.

The VIA P4XB-RA features a 400MHz Front Side Bus, while three 184-pin DIMM sockets accommodate a maximum of 3GB DDR266 SDRAM, for data transfers rates of up to 2.1GB per second. Overall performance is enhanced by the VIA Apollo P4X266A's high speed V-Link bus, which doubles communication bandwidth between the chipset's North and South Bridge to 266MB per second.

High-end features of the VIA P4XB-RA include an onboard Promise PDC20265H IDE RAID controller, and onboard C-Media 6 channel audio. Maximized scalability options are provided by one AGP 4X port, five PCI slots, and a CNR slot, within an ATX form factor measuring 30.5cm x 22.5cm. The VIA P4XB-RA also comes with a full set of I/O ports as well as Ultra ATA-100 and Hardware Monitoring support.

**VIA Mainboard**  
**P4X-266A** Chipset Harnessing the power of DDR266 SDRAM  
for the Intel® Pentium® 4 Processor



## VIA P4XB-RA

*High performance, feature rich VIA Apollo P4X266A chipset based ATX mainboard for the 478-pin Intel® Pentium® 4 Processor combining high bandwidth DDR266 SDRAM support with onboard RAID and 6 channel Audio support.*

### Sales Information

Contact one of these offices for information on VIA Mainboards

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<b>Processor</b>	- Intel® Pentium® 4 Processor (478-pin) - 400MHz Front Side Bus
<b>Chipset</b>	- VIA Apollo P4X266A North Bridge - VT8233 South Bridge
<b>System Memory</b>	- 3 DDR266 DIMM sockets - Up to 3GB memory size
<b>Expansion Slots</b>	- 1 AGP4X slot (supports 1.5V and 3.3V AGP 1X/2X/4X cards) - 5 PCI slots - 1 CNR slot
<b>Onboard Audio</b>	- C-Media CMI8738 6 channel audio
<b>I/O</b>	- 2 USB ports (2 pin-headers for 4 additional external USB connections) - 2 serial ports - 1 parallel port - 1 PS2 mouse port - 1 PS2 keyboard port - 1 game/MIDI port - 3 audio jacks: line-out, line-in and mic-in
<b>BIOS</b>	- Award BIOS - 2Mbit flash memory
<b>System Monitoring &amp; Management</b>	- CPU/system temperature monitoring - CPU voltage monitoring - CPU/chassis fan speed monitoring - Wake-on-LAN, Wake-on-Ring, Keyboard-Power-on, Timer-Power-on - System power management - AC power failure recovery
<b>Onboard IDE</b>	- ATA 100/66/33 - Up to 4 IDE connectors - IDE RAID 0, 1 support provided by onboard Promise PDC20266R controller
<b>Form Factor</b>	- ATX(4 layers) - 30.5cm x 22.5cm



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