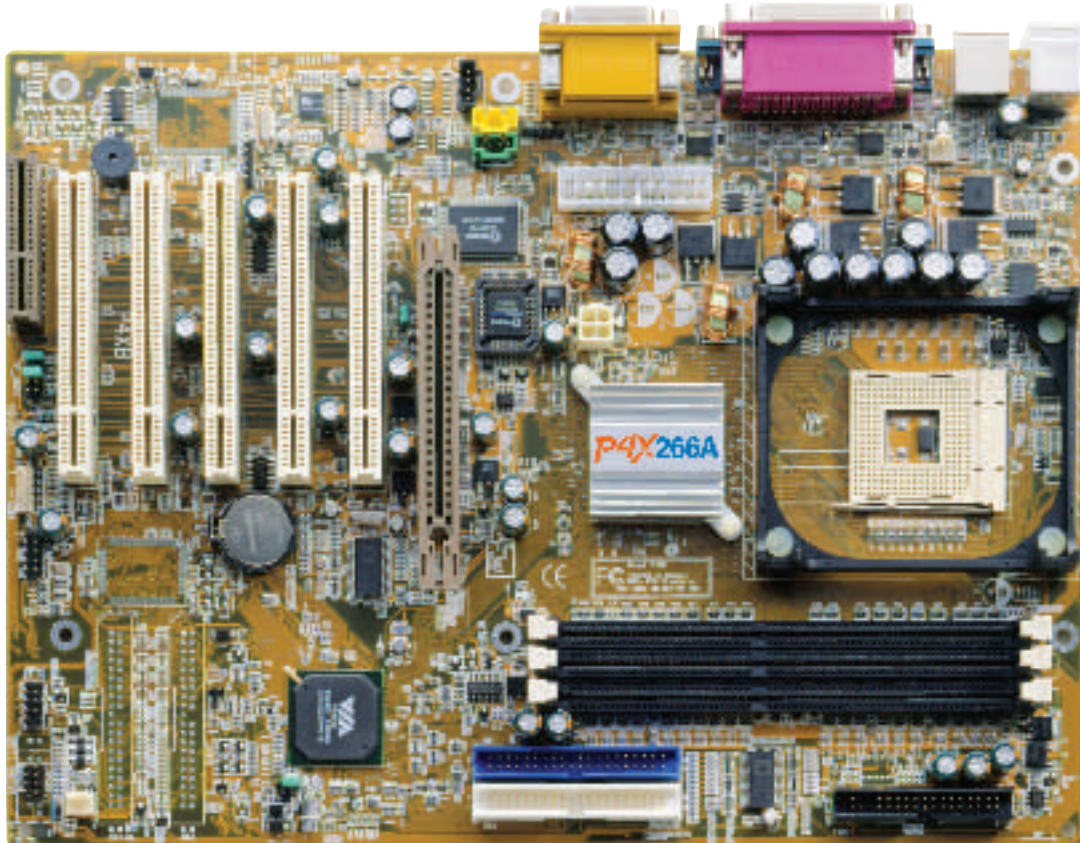




VIA P4XB-SA Mainboard

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

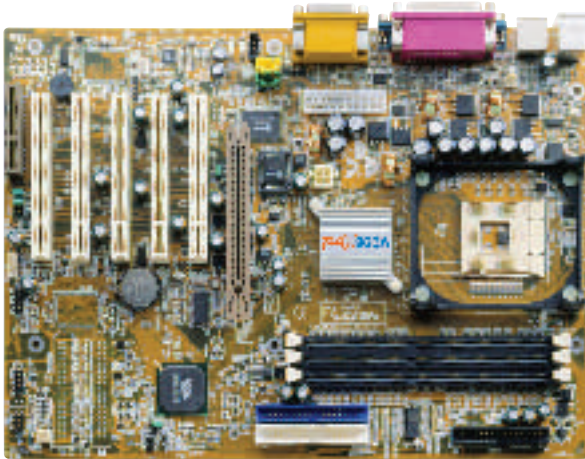


The VIA Apollo P4X266A chipset based VIA P4XB-SA mainboard supports a full range of 478-pin Intel® Pentium® 4 processors at speeds of up to 2GHz and above. With a memory performance increase of up to 20% over its nearest competitor, the VIA Apollo P4X266A chipset delivers the highest levels of performance currently attainable on the Intel® Pentium® 4 platform.

The VIA P4XB-SA features a 400MHz Front Side Bus and support for up to 3GB of high bandwidth DDR266 SDRAM, delivering data transfers rates of up to 2.1GB per second. Overall system performance is boosted further 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.

With one AGP4X port, five PCI slots and a CNR slot, the VIA P4XB-SA provides unsurpassed levels of scalability on an ATX form factor measuring 30.5cm x 22.5cm. In addition to onboard audio, courtesy of an onboard AC'97 audio controller, the VIA P4XB-SA also provides a full set of I/O ports as well as Ultra ATA-100 and Hardware Monitoring support.

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



VIA P4XB-SA MAINBOARD

High Performance VIA Apollo P4X266A chipset based ATX motherboard for the 478-pin Intel® Pentium® 4 Processor combining high bandwidth DDR266 SDRAM support with onboard AC'97 Audio.

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Processor	- Intel® Pentium® 4 Processor (478-pin) - 400MHz Front Side Bus
Chipset	- VIA Apollo P4X266A North Bridge - VT8233 South Bridge
System Memory	- 3 DDR266 DIMM sockets - Up to 3GB memory size
Expansion Slots	- 1 AGP4X slot (supports 1.5V and 3.3V AGP 1X/2X/4X cards) - 5 PCI slots - 1 CNR slot
Onboard Audio	- Realtek ALC201A AC'97 Controller
I/O	- 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
BIOS	- Award BIOS - 2Mbit flash memory
System Monitoring & Management	- 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
Onboard IDE	- ATA 100/66/33 - Up to 2 IDE connectors
Form Factor	- ATX(4 layers) - 30.5cm x 22.5cm



www.viavpsd.com

