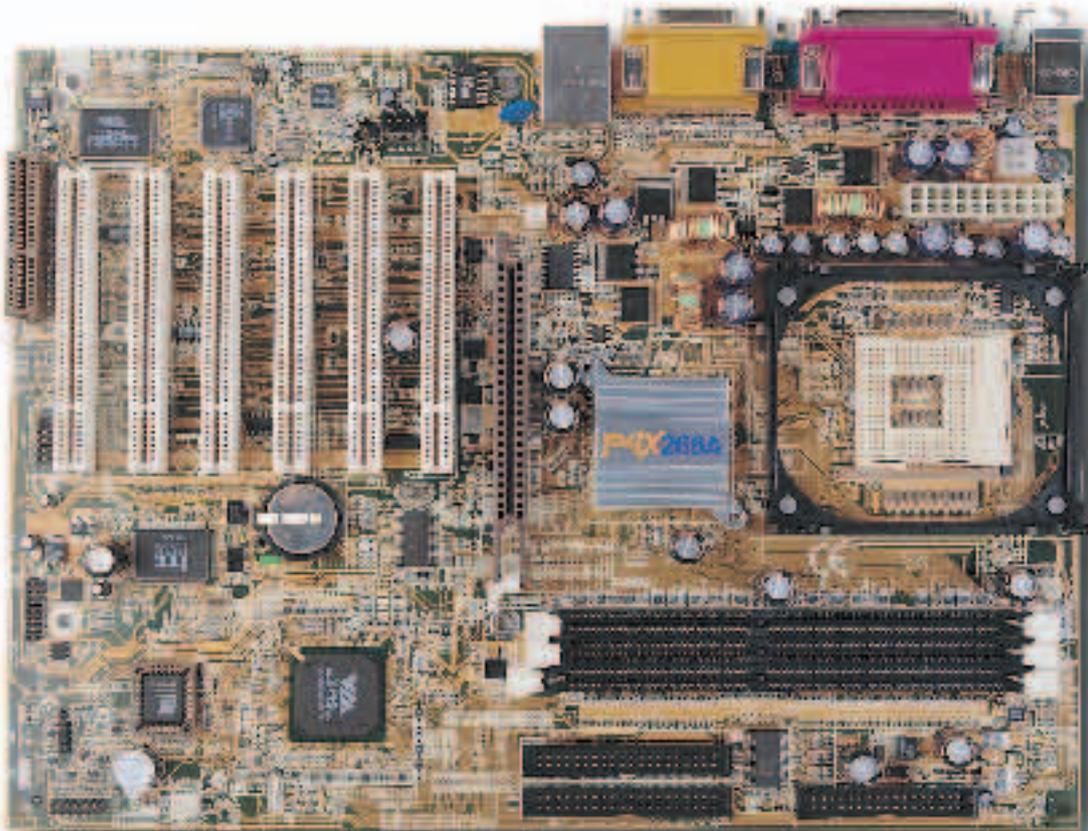




VIA P4PA-U/UL Mainboard

Bringing DDR266 SDRAM, USB 2.0 and ATA/133 Support to the Intel® Pentium® 4 Processor Platform



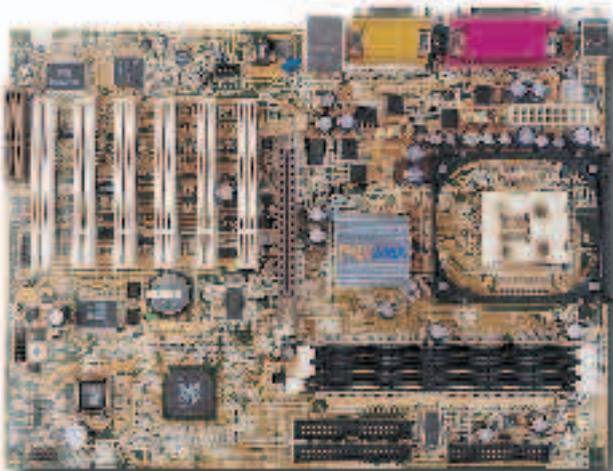
Based around the acclaimed architecture of the VIA Apollo P4X266A chipset, the VIA P4PA mainboard supports a complete range of 478-pin Intel® Pentium® 4 processors running at speeds of up to 2.2GHz and beyond. With a phenomenal set of cutting edge features, including USB 2.0, onboard LAN (on P4PA-UL skew only) and support for ATA/133, it is the ultimate platform for the highest performance desktop PCs, servers and workstations based on the Pentium® 4 processor.

The VIA P4PA supports up to 3GB of DDR266 SDRAM via three DIMM sockets, with data transfers rates of an incredible 2.1GB per second. Overall performance is further 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.

Additional high-end features of the VIA P4PA mainboard include an onboard Realtek RT8100BL Fast Ethernet controller, and onboard 2-channel audio courtesy of the VIA VT1612A AC'97 codec. The ATX format board offers unsurpassed scalability options, with six PCI slots and one AGP 4X port. The VIA P4PA also comes equipped with a full set of I/O ports as well as Hardware Monitoring support.



Mainboard



VIA P4PA-U/UL Mainboard

VIA Apollo P4X266A chipset based mainboard for the Intel® Pentium® 4 Processor , combining DDR266 SDRAM support with onboard USB 2.0 and ATA/133

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Processor	- Intel® Pentium® 4 Processor (478-pin) - 533/400MHz Front Side Bus
Chipset	- VIA Apollo P4X266A North Bridge - VT8233A 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 4X/2X/1X cards) - 6 PCI slots - 1 CNR slot
Onboard LAN	- Realtek RTL8100BL 10/100 Base-T Fast Ethernet Controller (P4PA-UL only)
Onboard Audio	- VIA VT1612A AC'97 2 channel CODEC
Onboard USB	- VIA VT6202 USB 2.0
I/O	- 4 USB 2.0 ports (1 connector for 2 additional external USB ports) - 2 serial ports - 1 parallel port - 1 PS2 mouse port - 1 PS2 keyboard port - 1 game/MIDI port - 1 RJ-45 LAN Port (P4PA-UL only) - 3 audio jacks: line-out, line-in and mic-in
BIOS	- Award BIOS - 4Mbit flash memory
System Monitoring & Management	- CPU/system temperature monitoring - CPU voltage monitoring - CPU/chassis fan speed monitoring - Wake-on-LAN, Keyboard-Power-on, Timer-Power-on - System power management - AC power failure recovery - Windows® - based H/W monitor
Onboard IDE	- ATA/133/100/66 - 2 IDE connectors
Form Factor	- ATX (4 layers) - 30.5cm x 22.5cm