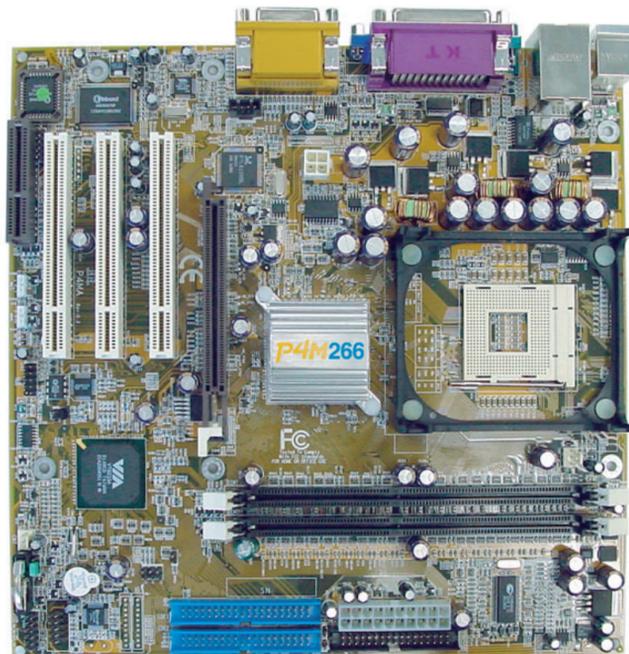


VIA P4MA Mainboard

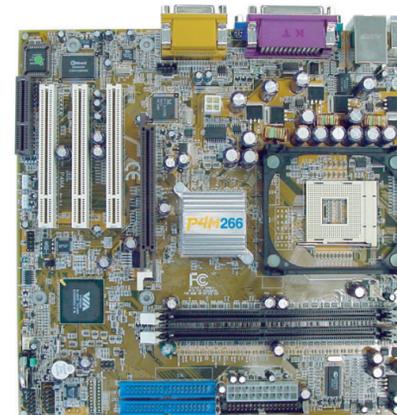
Combining Integrated Graphics and DDR266 SDRAM for a Rich Intel® Pentium® 4 Platform Experience



Based on the VIA ProSavageDDR™ P4M266 chipset, the compact VIA P4MA mainboard combines the powerful graphics capabilities of the integrated S3 ProSavage8™ engine with support for DDR266 SDRAM, ATA/133, onboard LAN and AC'97 audio, enabling OEMs and System Integrators to build powerful, cost effective Intel® Pentium® 4 processor based PC systems, workstations and servers. The highly flexible design includes an optional external AGP 4X port, Smart Card/Memory Stick support and Voice Post Alert for hardware analysis.

The VIA P4MA is designed to support a full range of 478-pin Intel® Pentium® 4 processors up to and beyond 2.2 GHz. With support for up to 2GB of high bandwidth DDR266 SDRAM, the VIA P4MA provides all the headroom necessary for running the most intensive Internet, multimedia, and extreme 3D gaming applications. Overall system performance is further enhanced by the high speed V-Link bus, which doubles communication bandwidth between the VIA ProSavageDDR™ P4M266 chipset's North and South Bridge to 266MB per second.

Based on the compact MicroATX form factor with dimensions of 24.5cm x 24.0cm, the VIA P4MA mainboard features an onboard VIA VT1612A AC'97 controller for high quality audio performance and also provides room for expansion through three PCI slots and a complete set of I/O ports, including support for up to 4 USB connections.



VIA P4MA Mainboard

A Highly Integrated VIA ProSavageDDR™ P4M266 Chipset Based MicroATX Mainboard for the Intel® Pentium® 4 Platform

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Processor	- Intel® Pentium® 4 Processor (478-pin) - 400MHz Front Side Bus
Chipset	- VIA ProSavageDDR P4M266 North Bridge Featuring the integrated S3 ProSavage8™ AGP engine - VT8233A South Bridge
System Memory	- 2 DDR266 DIMM sockets - Up to 2GB memory size
Expansion Slots	- 1 AGP4X slot (supports 1.5V and 3.3V AGP 4X/2X/1X cards) - 3 PCI slots - 1 CNR slot
Onboard LAN	- Realtek RTL8100BL 10/100 Base-T Fast Ethernet Controller
Onboard Audio	- VIA VT1612A 2 Channel Codec
I/O	- 2 USB ports (plus 2 pin-headers for up to 2 additional USB connections) - 1 serial port - 1 parallel port - 1 PS2 mouse port - 1 PS2 keyboard port - 1 game/MIDI port - 1 RJ-45 LAN Port - 3 audio jacks: line-out, line-in and mic-in - 1 Smart Card/Memory Stick / Secure Digital connector
BIOS	- Award BIOS - 2Mbit flash memory
System Monitoring & Management	- Voice POST Alert (optional) - 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
Onboard IDE	- ATA/133/100/66
Form Factor	- MicroATX - 24.5cm x 24.0cm

