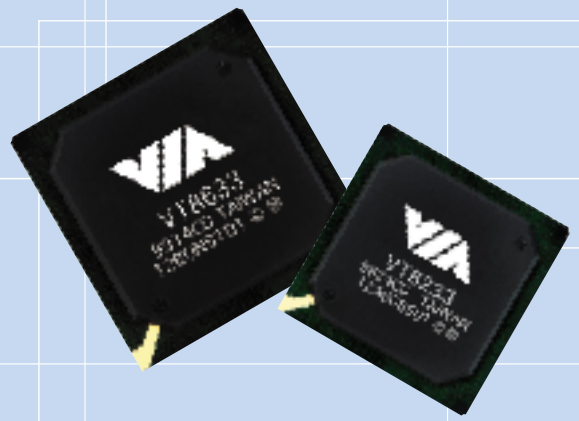


Apollo PRO266



Features	VIA Apollo Pro266	VIA Apollo Pro133A	Intel® 820
North Bridge	VT8633	VT82C694X	82820
Processor Support	Intel® Pentium® III Intel® Celeron™ VIA Cyrix® III	Intel® Pentium® III Intel® Celeron™ VIA Cyrix® III	Intel® Pentium® III Intel® Celeron™ VIA Cyrix® III
CPU Front Side Bus	66/100/133MHz	66/100/133MHz	66/100/133MHz
AGP 4X Support	Y	Y	Y
Memory Type	DDR200/266 SDRAM PC66/100/133 SDRAM VC SDRAM	PC66/100/133 SDRAM VC SDRAM	RDRAM
Memory Bus Settings	100/133/266MHz @ 64bit	66/100/133MHz @ 64bit	600/700/800MHz @ 16bit
Peak Memory Bandwidth	2.1GB/sec	1GB/sec	1.6GB/sec
Max. Memory	2.0GB	2.0GB	512MB
South Bridge	VT8233	VT8231	82801AA
North/South Bridge Link	VIA V-Link @ 266MB/sec	PCI @ 133MB/sec	Intel Hub Architecture @ 266MB/sec
ACR Support	Y	Y	N
Integrated Audio	AC-97 - 6 channel	AC-97 - 2 channel	AC-97 - 2 channel
Integrated Modem	MC-97	MC-97	MC-97
Integrated Network controller	1/10Mb HomePNA or 10/100 BaseT Ethernet	1/10Mb HomePNA or 10/100 BaseT Ethernet	1/10Mb HomePNA or 10/100 BaseT Ethernet
IDE	ATA 33/66/100	ATA 33/66/100	ATA 33/66/100
USB	6 ports	4 ports	2 ports
Integrated I/O APIC	Y	Y	Y
Integrated Hardware Monitoring	Y	Y	Y
Power Management	ACPI/OnNow PMM	ACPI/OnNow PMM	ACPI/OnNow PMM

Benefits of VIA Apollo Pro266

High-bandwidth DDR266 performance at minimal extra cost

With a peak bandwidth of 2.1GB per second, DDR266 clears the system memory bottleneck and delivers the headroom necessary to maximize the performance out of the latest generation processors and multimedia software applications. Built on the existing SDRAM infrastructure, DDR266 comes with a minimal price premium over standard PC133 memory.

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Highly flexible platform with market leading features

With flexible 66/100/133MHz Front Side Bus settings, AGP4X, and ATA-100, the VIA Apollo Pro266 provides a highly versatile chipset platform that allows OEMs and system builders to select the components that best fit their target price points and feature sets. Support for PC133 SDRAM and VCM memory ensures a smooth migration path for existing SDRAM system designs.

Low power consumption

DDR266 DRAM lowers memory power consumption to 2.5 volts, providing the ideal solution for small form factor desktops and notebooks.

Features

- Supports Intel® Pentium® III, Intel® Celeron™, & VIA Cyrix® III processors
- 66/100/133MHz FSB settings
- Support for AGP 2X/4X
- Supports up to 2GB DDR200/266 SDRAM as well as PC133/66/100 SDRAM and Virtual Channel memory
- 266MB/sec high bandwidth North/South Bridge V-Link
- Support for Advanced Communications Riser (ACR) card standard
- Integrated 6 channel AC-97 Audio
- Integrated MC-97 Modem
- Integrated 10/100 BaseT Ethernet controller or Home PNA
- Support for ATA 33/66/100
- 6 USB ports, UHCI compliant
- Integrated I/O APIC for dual processor support
- Integrated hardware monitoring
- Advanced power management capabilities
- 552 BGA VT8633 North Bridge
- 376 BGA VT8233 South Bridge