VIA PERFORMANCE CHIPSET

Apollo KT133A

Features	VIA Apollo KT133A	VIA Apollo KT133	VIA Apollo Pro133A
North Bridge	VT8363A	VT8363	VT82C694X
Processor Support	AMD Athlon™ 200/266MHz FSB AMD Duron™	AMD Athlon™ 200MHz FSB AMD Duron™	Intel® Pentium® III Intel® Celeron™ VIA C3™
CPU Front Side Bus	200/266MHz	200MHz	66/100/133MHz
AGP 4X Support	Yes	Yes	Yes
Memory Type	PC100/133SDRAM VC SDRAM	PC100/133SDRAM VC SDRAM	PC100/133SDRAM VC SDRAM
Memory Bus Settings	100/133 MHz	100/133 MHz	100/133 MHz
Max. Memory	1.5GB	1.5GB	2.0GB
South Bridge	VT82C686B	VT82C686B	VT82C686B
ACR Support	Yes	Yes	Yes
Integrated Audio	AC'97 - 2 channel	AC'97 - 2 channel	AC'97 - 2 channel
Integrated Modem	MC'97	MC'97	MC'97
IDE	ATA 33/66/100	ATA 33/66/100	ATA 33/66/100
USB	4 ports	4 ports	4 ports
Integrated Hardware Monitoring	Yes	Yes	Yes
Power Management	ACPI/OnNow™ PMM PowerNow™	ACPI/OnNow™ PMM	ACPI/OnNow™ PMM

Benefits of VIA Apollo KT133A

Established market acceptance and proven reliability

The VIA Apollo KT133A builds on the success of the KT133, VIA's market leading chipset for AMD Duron™ and Athlon™ processors.

Seamless upgrade path for upgrading existing KT133 board designs

The VIA Apollo KT133A and Apollo KT133 are pin-to-pin compatible chipsets allowing motherboard vendors to use existing board designs thus drastically reducing product time-to-market and R&D costs and resources.

Flexible FSB settings compatible with full range of AMD Socket A processors

The VIA Apollo KT133A's 266MHz FSB setting provides support for AMD's fast new Athlon™ processors while the 200MHz Front Side Bus setting offers backwards compatibility with Duron™ and Athlon™ 200MHz FSB processors.

Mainstream PC133 memory support

With its support for high-speed PC133 memory, the VIA Apollo KT133A provides a cost effective solution for building high-performance AMD Athlon™ and AMD Duron™ processor based PC systems and notebooks.

Feature set offers platform flexibility and scalability

Flexible FSB and memory settings as well as the option of AGP2X/4X, ATA-33/66/100 make the VIA Apollo KT133A 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.

Features

- Supports AMD Duron™ and Athlon™ processors
- 200/266MHz FSB settings
- Support for AGP2X/4X
- Supports up to 1.5GB PC100/133 SDRAM and Virtual Channel memory
- Support for Advanced Communications Riser (ACR) Card Standard
- Integrated 2 channel AC'97 Audio
- Integrated MC'97 Modem
- Support for ATA 33/66/100
- 4 USB ports, UHCI compliant
- Integrated hardware monitoring
- Advanced power management capabilities including
- ACPI/OnNow™ and AMD's PowerNow™
- 552-pin BGA VT8363A North Bridge
- 352-pin BGA VT82C686B South Bridge

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05, 2001

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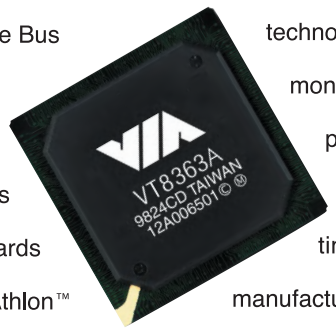
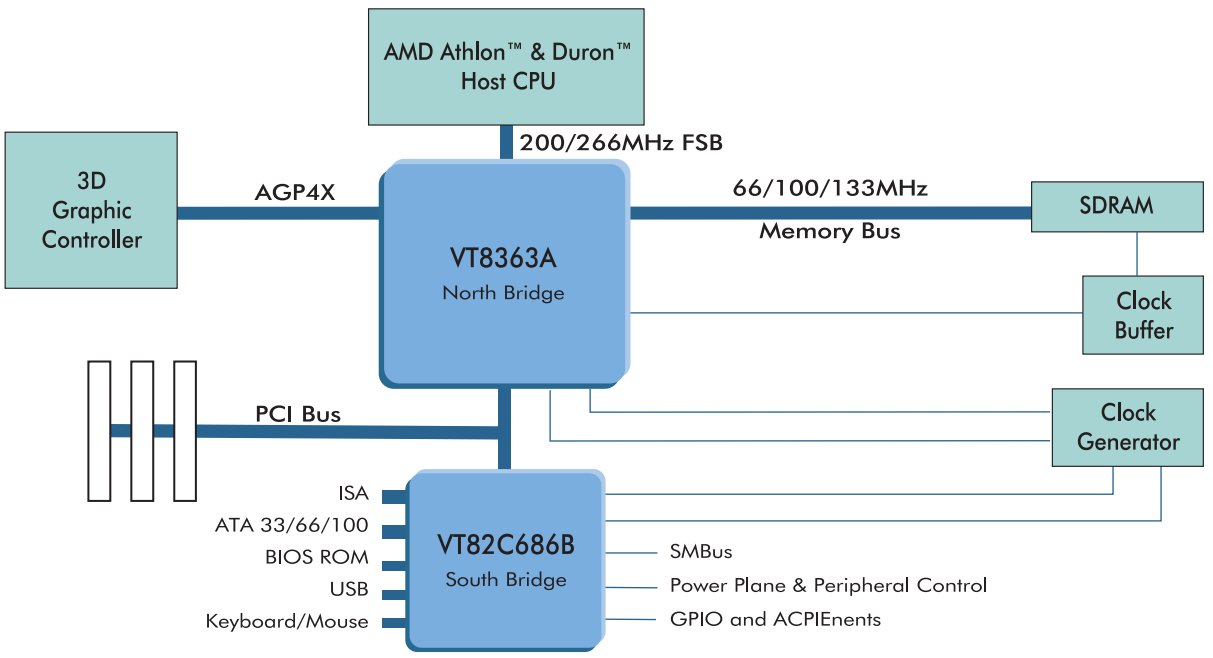
With its 200/266MHz Front Side Bus (FSB) and support for AMD's second generation PowerNow™ technology, the VIA Apollo KT133A provides motherboard vendors and PC manufacturers a seamless solution for upgrading existing VIA Apollo KT133 chipset based motherboard designs to take full advantage of the enhanced performance of the latest AMD Athlon™ processors with 266MHz FSB.

The VIA Apollo KT133A adds 266MHz Front Side Bus and second generation PowerNow™ technology support to the industry-leading features of the highly acclaimed VIA Apollo KT133 chipset. Its highly scalable feature set includes full backwards compatibility with the AMD Duron™ and AMD Athlon™ 200MHz FSB processors, as well as support for PC133 memory, AGP4X, ATA-100, 4 USB ports, and the new Advanced Communications Riser. Other integrated technologies include AC'97 audio/modem link, hardware monitoring, and advanced power management. Pin-to-pin compatible with the VIA Apollo KT133, the VIA Apollo KT133A minimizes costs and speeds up time to market for motherboard vendors and PC manufacturers by providing a seamless upgrade to existing Socket A product designs. It also provides the ideal platform for notebook designs with its support for AMD's revolutionary PowerNow™ technology.





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