



MULTIMEDIA CHIPSET

Apollo PLE133



Features	Apollo PLE133	Intel® 810E	Intel® 810
North Bridge	VT8601A	82810E	82810
Processor Support	Intel® Celeron™	Intel® Celeron™	Intel® Celeron™
	Intel® Pentium® III	Intel® Pentium® III	Intel® Pentium® III
	VIA C3™	VIA C3™	VIA C3™
Front Side Bus Settings	66/100/133MHz	66/100/133MHz	66/100MHz
Integrated 2D/3D	AGP2X	i752 - AGP2X	i752 - AGP2X
Memory Bus Settings	66/100/133MHz	66/100/133MHz	66/100MHz
Max. Memory	1.5GB	512MB	512MB
Memory Type	PC66/100/133 SDRAM	PC66/100 SDRAM	PC66/100 SDRAM
	VC SDRAM		
South Bridge	VT8231	82801AA	82801AA
ACR Support	Yes	Yes	No
Integrated Audio/Modem	AC'97/MC'97	AC'97/MC'97	AC'97/MC'97
Sound Blaster® Compatible Audio	Yes	No	No
Integrated Network controller	1/10Mb HomePNA or	No	No
	10/100 BaseT Ethernet		
PCI Devices/Slots	Up to 8	Up to 6	Up to 6
IDE	ATA 33/66/100	ATA 33/66	ATA 33/66
USB	4 ports	2 ports	2 ports
Integrated Super IO	FDC/2S/1P/Game port/IR	No	No
LPC Bus	Yes	Yes	Yes
Integrated Hardware Monitoring	Yes	No	No
Power Management	ACPI/OnNow™ PMM	ACPI/OnNow™ PMM	ACPI/OnNow™ PMM

Benefits of VIA Apollo PLE133

Extremely cost effective platform

The VIA Apollo PLE133's highly integrated design enables OEMs and system builders to offer extremely cost effective PCs by eliminating numerous previously discrete PC components.

Flexible Front Side Bus settings optimized for both value and mainstream processors

The VIA Apollo PLE133's 66/100/133 MHz Front Side Bus is optimized for a full range of Intel® Celeron™, Intel® Pentium® III, and VIA C3™ processors, allowing OEMs and system builders to choose the processor that best fits their target price point.

High-speed PC133 performance at minimal extra cost

PC133 SDRAM offers the bandwidth necessary to squeeze the peak performance out of the latest generation processors and multimedia software applications. PC133's 33% extra bandwidth comes with little or no price premium over PC100.

Features

- Supports Intel® Pentium® III, Intel® Celeron™ and VIA C3™ processors
- 66/100/133MHz FSB settings
- Integrated AGP2X graphics core
- Support for PC133 SDRAM as well as PC66/100 SDRAM and Virtual Channel memory
- Support for Advanced Communications Riser (ACR) card standard
- Integrated AC'97, MC'97 Audio/Modem
- Integrated 10/100Mb BaseT Ethernet controller or 1/10Mb HomePNA
- Support for ATA 33/66/100
- 4 USB ports, UHCI compliant
- Integrated Super I/O
- Support for LPC (Low Pin Count) bus
- Support for CRT, Digital Flat Panel and TV display
- Integrated hardware monitoring
- Advanced power management capabilities
- 510 BGA VT8601A North Bridge
- 376 BGA VT8231 South Bridge

05, 2001

www.viatech.com



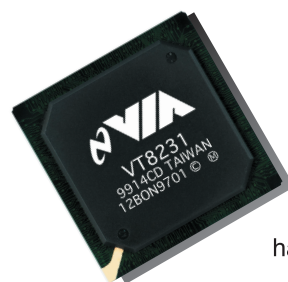
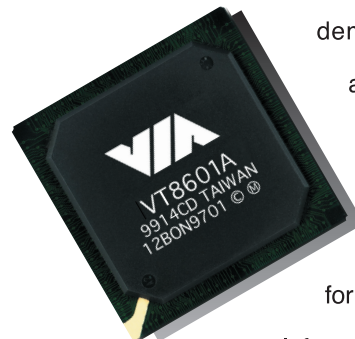
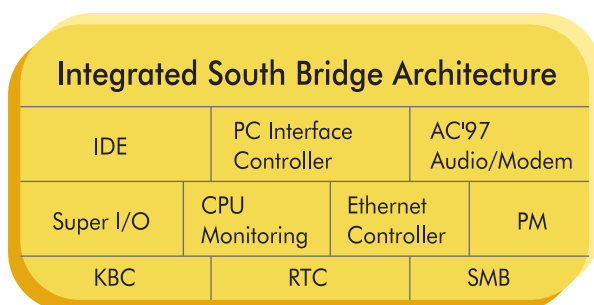
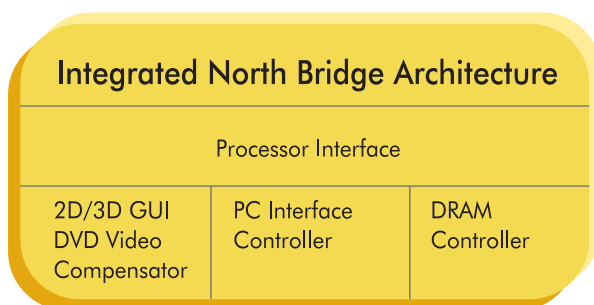
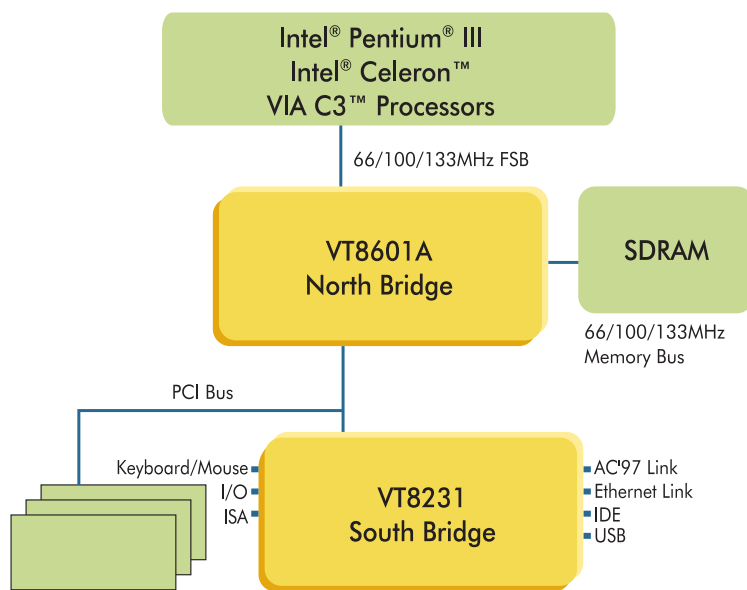
VIA Technologies, Inc.
533 Chung-Cheng RD 8F.,
Hsin-Tien, Taipei 231, Taiwan.
TEL:886-2-22185452



MULTIMEDIA CHIPSET

Apollo PLE133

With its built-in graphics and audio capabilities, flexible 66/100/133MHz system bus settings, and support for PC100/133 DRAM, the VIA Apollo PLE133 chipset delivers impressive levels of scalability and performance on a cost-effective, integrated chipset platform designed for the specific needs of the Information PC and Internet Appliance market segments.



The VIA Apollo PLE133 combines integrated AGP2X graphics capabilities with such advanced features as a 133MHz Front Side Bus and 133MHz SDRAM support to deliver unrivaled flexibility and performance in an affordable yet highly-integrated chipset. With its flexible 66/100/133MHz FSB settings, the VIA Apollo PLE133 is designed to optimize the performance of a full range of Intel® Pentium® III, Intel® Celeron™, and VIA C3™ processors. Its support for PC133 SDRAM ensures ample memory bandwidth for the most demanding software and Internet applications at minimal additional cost. A wide range of additional integrated features provides OEMs and System Integrators further flexibility for reducing the cost of building innovative Information PCs and Internet Appliances without sacrificing features and performance. These include an integrated 10/100 BaseT Ethernet and home PNA controller, AC'97 audio, MC'97 modem, Super I/O, hardware monitoring capabilities, and support for four USB ports, ATA-100, and advanced power management.

