



K7KX-A

AMD Slot A K7
Processor (Athlon)
Support, VIA® KX133,
ATX Form Factor, 4X
AGP, ATA 66 IDE ,
AC97 Audio and AMR
Slot Support

Taipei, May 4th 2000, Tekram Technology Co., Ltd. Launches K7KX-A VIA® Apollo KX133 mainboard with ATX form factor, consisting of North Bridge of VT8371 and South Bridge of VT82C686A. Such new chipset is the first of the kind to incorporate with 2GB of the latest high-speed PC133 SDRAM and VC133 DRAM. This Slot A mainboard provides the ultimate chipset solution for maximizing the industry-leading performance of the AMD K7 processor (Athlon), delivering first-to-market support for high-throughput AGP 4X and PC133 SDRAM.

With its 200MHz Front Side Bus, this VIA Apollo KX133 mainboard features the High-speed processor bus ever for desktop PCs. According to VIA, the Alpha EV6-based double-data-rate highly scaleable asynchronous bus design optimizes the performance of the processor bus speed from 100MHz to 200MHz, delivering twice the throughput of 100MHz Pentium III-based systems.

Together with 4X/2X AGP slot, this new board supports the latest high-performance graphics bus technology on the AMD Athlon processor platform. The ATA-66 interface on the board helps boost system performance, delivering maximum sustained data transfer rates of 66MB/sec.

General features included Keyboard Power On, Modem Ring-in, and Wake Up On LAN have increased the versatility of the Power On feature. The system includes Hardware Monitoring design, which allows users to self-diagnose and set CPU temperature, CPU fan speed and voltage. Also, one MIDI/GAME port and the Audio Jack (line out, line in, and mic. In) is available for multimedia applications.

Tekram's K7KX-A mainboard brings a powerful combination of features with AGP 4X, PC133, AC97 Audio, four USB channels, ATA-66, 200MHz FSB and AMR slot support. All these great features have wide spread industry support and are becoming the industry standard for new millennium. It is without doubt that Tekram's K7KX-A is your best choice for next-generation performance. Please contact Tekram Sales Worldwide for more information.

Features ▼

- AMD Slot A K7 Processor (Athlon)
- Support, VIA® KX133, ATX Form Factor
- 4X AGP
- ATA 66 IDE
- AC97 Audio
- AMR Slot Support

Specifications ▼

Microprocessor:

Slot A K7 (Athlon) processors 500MHz ÷ 1GHz, 200MHz FSB

System Core Logics:

- VIA® KX133
North Bridge: VT8371
- South Bridge: VT82C686A

System Memory:

- Max. Capacity: 3 x 168-pin DIMM sockets, up to 768 MB SDRAM support
32/64/128/256 MB single or double sided Memory Module
PC-100/PC-133 SDRAM

Graphics System:

N/A - 4X AGP slot for upgrade

- 2 x ATA 33/66 enhance IDE ports, up to 66 MB/s data transfer rate

Audio System:

- AC97 V2.1 compliant Audio CODAC

I/O Connectors:



Rear I/O Panel

- | | |
|-------------------------------------------------|---------------------------|
| 1 x PS/2 Keyboard port | 1 x PS/2 Mouse port |
| 2 x USB ports | 1 x EPP/ECP Parallel port |
| 2 x 16550 compatible Serial ports | 1 x MIDI/Game port |
| 1 x Audio (Line Out, Line In, and Mic. In) Jack | |

Standard I/O Connectors

- 1 x Floppy port (Up to 2.88MB)
- 2 x ATA33/66 IDE ports
- 1 x IrDA TX/RX header

Headers for optional Front I/O Panel

- 2 x USB headers

I/O Expansion Slots:

- 1 x 2X/4X AGP Slot
- 1 x AMR Slot for MC-97 Modem upgrade
- 5 x PCI Bus Master Slots
- 1 x ISA Slot

Other Features:

- Modem Ring-in/Keyboard/Mouse Power On
- Wake Up On LAN/Modem (internal)/Modem (external)
- Hardware Monitoring function (CPU temperature, CPU Fan, Voltage)
- Anti-Virus PC-Cillin® Software

System BIOS:

- 2Mb Award® BIOS, support ACPI, DMI, PnP
- Bootable from CD-ROM, SCSI, LS-120, ZIP devices
- Symbios® SCSI BIOS, PC-Cillin® Anti Boot-virus BIOS and OEM logo options available

ATX Power Connector:

- 3V, 5V and 12V 20 pin ATX power connector

Voltage Regulator:

- Switching Voltage Regulator supports 1.3V to 3.5V, VRM 8.0 compliant

ATX Form Factor:

- Dimension 7.5" x 12" or 190mm x 305mm

Agency Regulations:

- EMC (FCC, Doc, CE) and Safety (UL) Agency compliant reports available for reference