

750a AMI BIOS



American
Megatrends

AMIBIOS (C) 2006 American Megatrends, Inc.
BIOS Date: 05/30/08 14:59:54 Ver: 08.00.15
HD-A72P-7509 BIOS V1.0
CPU : AMD Athlon(tm) 64 X2 Dual Core Processor 4600+
Speed : 2.41 GHz Count : 2
DCT0 = 400 MHz

Press DEL to run Setup
Press F11 for BBS POPUP
1 AMD North Bridge, Rev 62
NUMM ROM Version :4.082.19
Initializing USB Controllers .. Done.

(C) American Megatrends, Inc.
64-0100-000001-00101111-053008-ATHLON64-C700A320-Y2KC

003A

BIOS SETUP UTILITY

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JUSTw00t!

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System Overview

> System Information

System Time	[Hr:Min:Sec]
System Date	[Day xx/xx/xxxx]
Floppy A	[Disabled]
> Primary IDE Master	:[Not Detected]
> Primary IDE Slave	:[Not Detected]
> SATA Port1	:[Not Detected]
> SATA Port2	:[Not Detected]
> SATA Port3	:[Not Detected]
> SATA Port4	:[Not Detected]
> USB Device	

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System Overview

AMIBIOS

Version :XX.XX.XX
Build Date :XX/XX/XX
ID :XXXXXXXX

Processor

AMD Processor Name
Speed :XXXXMHz
Count :X

System Memory

Size :XXXXMB

System Time (Edit Here)

[hr:min:sec]

System Date (Edit Here)

[Day XX/XX/XXXX]

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Advanced Settings

- > CPU Configuration
- > Chipset
- > Onboard Devices
- > PCIPnP

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Advanced Chipset Settings

Hybrid SLI Support	[Disabled]
SLI Support	[Disabled]
Primary Graphics Adapter	[PCIe VGA Card First]
iGPU and Ext-VGA Selection	[Disable iGPU if Ex]
iGPU Frame Buffer Detect	[Disabled]
iGPU Frame Buffer Size	[256MB]

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Onboard Devices Setting

PCIE training	[Only Gen1]
Lan1 Controller	[Auto]
USB 1.1 Controller	[Enabled]
USB 2.0 Controller	[Enabled]
AZALIA AUDIO	[Internal codec + E]
OnChip P-ATA Controller	[Enabled]
OnChip S-ATA Controller	[Enabled]
SATA Mode Select	[SATA Mode]
OnBoard Floppy Controller	[Enabled]
Serial Port 1 Address	[3F8/IRQ4]
Serial Port 2 Address	[Disabled]
HDMI/DVI	[Auto]

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Advanced PCI/PnP Settings

Clear NVRAM	[No]
Plug & Play O/S	[No]
PCI Latency Timer	[32]
Allocate IRQ to PCI VGA	[Yes]
Palette Snooping	[Disable]
PCI IDE BusMaster	[Enabled]
OffBoard PCI/ISA IDE Ca	[Auto]
IRQ3 to IRQ15	[Available]
DMA Channel 0 to DMA Channel 7	[Available]
Reserved Memory Size	[Disabled]

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Boot Settings

> Boot Settings Configuration

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Boot Settings Configuration

Quick Boot	[Enabled]
Full screen Logo	[Disabled]
AddOn ROM Display Mode	[Force BIOS]
Bootup Num Lock	[On]
PS/2 Mouse Support	[Auto]
Wait For 'F1' If Error	[Enabled]
Hit 'DEL' Message Display	[Enabled]
Interrupt 19 Capture	[Enabled]

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Security Settings

Supervisor Password : Not Installed

User Password : Not Installed

Change Supervisor Password

Change User Password

Flash Write Protection [Enabled]

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Power Setting

- > ACPI Configuration
- > APM Configuration
- > PC Health

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ACPI Settings

Suspend Mode	[S3 (STR)]
ACPI Version Features	[ACPI v1.0]
ACPI APIC support	[Enabled]

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APM Configuration

Power Management /APM [Enabled]

Power Button Mode [On/Off]

APM Resume Even Configuration

Resume on PME# [Disabled]

Resume on PCI-E Wake# [Disabled]

Resume on LAN (Mac) [Disabled]

Resume on Ring [Disabled]

Resume on USB [Disabled]

Resume By RTC Alarm [Disabled]

Keyboard Wakeup [Disabled]

Specific Key for PowerOn

Mouse WakeUp [Disabled]

PWRON After PWR-Fail [OFF]

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PC Health

SYS Temp

CPU Temp

CPU Fan

CPU Voltage

3.3V Voltage

+12V Voltage

DRAM Voltage

Chip Voltage

+5v Voltage

VBAT

CPUFAN Mode Setting

[Manual Mode]

CPU PWN Control

[250]

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Over Voltage and Clock Settings

Lan1BootROM Control [Disabled]

>Memory Configuration

SVID support [Enabled]

CPU Voltage Control [Auto]

CPU SB Voltage Control [Auto]

DRAM Voltage Control [Auto]

Chipset Voltage Control [Auto]

CPU/LDT Spread Spectrum [Disabled]

SATA Spread Spectrum [Disabled]

iGPU Spread Spectrum [Disabled]

> AMD Overlocking Configuration

SB to K8(CPU) Freq Auto [Enabled]

SB to K8(CPU) LinkWidth [16 dn 16up]

CPUFrequency Control [Manual]

CPU Frequency, MHz [200]

MCP PCI-Express Frequency MHz [100]

GPU Over Clock MHz [500]

GPU Shader Clock MHz [1500]

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North Bridge Chipset Configuration

>Memory Configuration

>DRAM Timing Configuration

Memory CLK	: XXX MHz
CAS Latency (Td)	: X.X
RAS/CAS Delay (Trcd)	: X CLK
Row Precharge Time (Trp)	: X CLK
Min Active RAS(Tras)	: XX CLK
RAS/RAS Delay (Trrd)	: X CLK
Row Cycle (Trc)	: XX CLK
Memory 2T Mode	[2T Mode]

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Memory Configuration

Bank Interleaving	[Auto]
Enable CLock to All DIMMs	[Disabled]
MemClk Tristate C3/ATLVID	[Disabled]
Memory Hole Remapping	[Enabled]
DCT Unganged Mode	[Always]
Power Down Enable	[Disabled]

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DRAM Timing Configuration

Memory Clock Mode	[Auto or Manual]
Memclock Value	[XXX MHz]
DRAM Timing Mode	[Auto or DCT 0]
Cas Latency	[Auto]
TRCD	[Auto]
TRP	[Auto]
tRTP	[Auto]
TRAS	[Auto]
TRC	[Auto]
tWR	[Auto]
TRRD	[Auto]
tRWTTO	[Auto]
tWRRD	[Auto]
tWTR	[Auto]
tWRWR	[Auto]
tRDRD	[Auto]
tRFC0	[Auto]
tRFC1	[Auto]

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AMD Overclocking Configuration

Processor Frequency Multiplier [Auto]

Processor Voltage [Auto]

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Exit Options

Save Changes and Exit

Discard Changes and Exit

Discard Changes

Load Optimal Defaults

Load Failsafe Defaults