TB114 (Rev6) - BIOS Settings

Overview

This document explains how to set the Centroid specific BIOS settings for the particular motherboard installed in your control. If these settings are not set correctly your control will not function properly.

Instructions:

Look at your motherboard. Find the model number, which is imprinted on the motherboard, then find the model number in the list below, and set your BIOS settings accordingly. If your model number is not on the list below, the motherboard you have was not supplied by Centroid and may need additional settings to be set in order to work in your control. To get into the BIOS menu, press the DEL button right after power up until you are in the BIOS menu.

Gigabyte GA-H81M-S2PV

System Information

- Set time & date
- Set Administrator Password

Bios Features

- Set Security Option to Setup

Power Management

- Set AC Back to Always On

Gigabyte GA-F2A55M-HD2

System Information

- Set time & date

Bios Features

- Set Security Option to Setup
- Set Administrator Password

Power Management

- Set AC Back to Always On

Peripherals

- Set OnChip SATA to AHCI

Aaeon PCM-LN02

Main

- Set time & date

Advanced

ACPI Settings

- Set Enable Hibernation to 'Disabled'

IDE Configuration

- Set Configure SATA as to 'AHCI'

Gigabyte GA-M68MT-S2P & GA-78LMT-S2P

Standard CMOS Setup

- Set time & date
- set floppy drive to 'none'

Advanced Bios Features

- Set 1st boot device to 'Harddisk'
- Set 2nd and 3rd boot devices to 'Disabled'

Power Management

- Set AC Back Function to 'Full-On'

PC Health Status

- Set CPU Smart Fan Control to 'Disabled'

Asus M4N68T-M

Main

- Set time & date
- Highlight "IDE Configuration" press enter, disable "Serial-ATA Devices" & "nVidia Raid Function".
- Highlight "Primary IDE Master" press enter, disable LBA/Large Mode

Advanced

- Highlight "PCI/PnP Settings" press enter, set "Plug and Play O/S" to "YES"

Power

- Highlight "APM Configuration" press enter, set "Restore on AC Power Loss to "Power ON"

Aaeon PCM-8152

Standard CMOS Setup

- Set time & date
- Set Drive A to 'None'

Advanced Bios Features

- Set First Boot Device to 'HDD'
- Set Second Boot Device to 'Disabled'
- Set Third Boot Device to 'Disabled'

Advanced Chipset Features

- Set Boot Display to 'CRT+DVI'

Integrated Peripherals

OnChip IDE Device

- Set On-Chip Secondary PCI IDE to 'Disabled'

Onboard Device

- Set USB keyboard Support to 'Enabled'
- Set AC97 Audio to 'Disabled'
- Set Init Display First to 'Onboard/AGP'

PnP/PCI Configurations

- Set PnP OS Installed to 'Yes'

Gigabyte GA-M61PME-S2 & GA-M61PME-S2P

Standard CMOS Setup

- Set time & date
- set floppy drive to 'none'

Advanced Bios Features

- Set 1st boot device to 'Harddisk'
- Set 2nd and 3rd boot devices to 'Disabled'

Integrated Peripherals

- Disable NV Sata Controller
- Enable USB keyboard and mouse support

Power Management

- Set AC Back Function to 'Full-On'

PC Health Status

- Set CPU Smart Fan Control to 'Disabled'

MSI K9VGM-V, K8MM3-V, K8MM-V, & P4MAM-V-2

Standard CMOS

- Set correct Date and Time

Advanced BIOS Features

- 1st Boot Device: IDE0
- 2nd Boot Device: Floppy
- 3rd Boot Device: Disabled

Integrated Peripherals

- AC97 Controller: Disabled

- NV SATA Controller: Disabled

Power Management Setup

- Restor after AC Power Loss: ON

Aaeon PCM 6893

Standard CMOS

- Set correct Date and Time
- Display Resolution: 640x480 TT1
- Halt: All, But Keyboard

Power Management Setup

- PWRON after PWR-Fail: ON

Aaeon PCM 6890B

Standard CMOS

- Set correct Date and Time
- Display Resolution: 640x480 18 Bit (for 10.4), 640 x 480 12 Bit (for 9.4)
- Halt: All, But Keyboard

BIOS Features

- Quick Power on Self Test: Enabled

MSI 6368L

Standard CMOS

- Set correct Date and Time
- Drive A set to 1.44M 3.5 in.

Advanced BIOS Features

- Quick Power on Self Test : Enabled
- 1st Boot Device: HDD-0
- 2nd Boot Device: Floppy
- 3rd Boot Device: Disabled

Power Management Setup

- State after Power Failure: ON

FIC VA 503+

Standard CMOS

- Set correct Date and Time
- Drive A: 1.44M, 3.5in
- Halt on: All, But Keyboard

BIOS Features

- Detect Boot Virus: Disabled
- Boot Sequence: C, A, SCSI

Power Management Setup

- Power Management: Disabled

IDE HDD Auto Detection

- Primary Master: Select 2
- Primary Slave: Select 1
- Secondary Master: Select 1
- Secondary Slave: Select 1

Acrosser ARB-1564

Standard CMOS Setup

- Set correct Date and Time

Advanced CMOS Setup

- 1st Boot: IDE-0
- 2nd Boot: Floppy
- System Keyboard: Absent

Advanced Chipset Setup

- USB Function: Disabled

Power Management Setup

- Power Management/APM: Disabled

Peripheral Setup

- Onboard Serial Port 3: Disabled
- Onboard Serial Port 4: Disabled

Auto Detect Hard Disk

Acrosser ARB-1560

Standard CMOS Setup

- Set correct Date and Time
- Floppy Drive A: 1.44MB 3 1/2

Advanced CMOS Setup

- BootUp Sequence: C:, A:, CDROM
- System Keyboard: Absent

Power Management Setup

- Power Management/APM: Disabled

Peripheral Setup

- Onboard Serial Port 3: Disabled
- Onboard Serial Port 4: Disabled

Auto Detect Hard Disk

Document History

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