SETTING BIOS

Untuk dapat mensetting BIOS kita memulai dengan menekan tombol keyboard untk masuk ke BIOS. Dalam hal ini masing masing mainboard berlainan ada yang menekan tombol del, f1, f2 dan lain-lain. Setelah masuk maka akan menjadi tampilan berikut (masing-masing mainboard berlainan untuk tampilan, bahasa dan perintah).

Tampilan menu awal dari tampilan BIOS : terdapat keterangan tentang harddisk dan CD room yang aktif kemudian setting untuk floppy A dan peringatan kerusakan yang terjadi pada mainboard.

System Date	Wed. Sep 21 2005	Item Help
 > Primary Master > Primary Slave > Secondary Master > Secondary Slave 	0:37:29 [LITE-ON DUDRW SO] [None] [None] [None] [None]	Menu Level Change the day, month, year and century
Legacy Diskette A Halt On	[1.44M, 3.5 in.] [All Errors]	
Base Memory Extended Memory Total Memory	6408 20961288 20971528	
F1 : Help 14 Select ESC : Exit Enter Sel	Item and →+ Select Menu ect : Sub-Menu	-/+ Change Uslues F10 : Save and Exit

Tampilan menu awal BIOS

Kemudian tampilan advanced untuk masuk ke menu yang lebih tinggi pada masing-masing optionnya :

Phoenix - AwardBIOS CMOS Setup B Main Advanced Security Hardware Monitor Exit	t E E E E E E E E E E E E E E E E E E E
 Advanced BIOS Features Advanced Chipset Features Integrated Peripherals Power Management Setup PnP/PCI Configurations 	Item Help Menu Level > Virus Protection, Boot Sequence
F1 : Help f1 Select Item and ** Select Menu ESC : Exit Enter Select : Sub-Menu	-2+ Change Usiues

Tampilan advanced untuk option yang lebih tinggi

Tampilan untuk mengubah setting prioritas boot

Advanced BIOS Feat	tures	Item Help
CPU Level 1 Cache CPU Level 2 Cache Quick Power On Self Test RAID or SCSI Card Boot First Boot Device Second Boot Device Third Boot Device Boot Other Device Boot Up Floppy Seek Boot Up Floppy Seek Boot Up MumLock Status Gate A20 Option Typematic Rate Setting × Typematic Bate (Chars/Sec) × Typematic Delay (Msec) APIC Mode DS/2 Onboard Memory > 64M Full Screen L060 Show	(Enabled) [Enabled] [Enabled] [SCSI Card] [SCSI Card] [Floppy] [HDD-0] [Disabled] [Disabled] [Disabled] [Disabled] [Disabled] [Disabled] [Disabled] [Disabled] [Disabled]	Menu Level >> (Enter> to enable or disable.

Advanced BIOS

Setting untuk melakukan percepatan hardware yang ada dapat di lakukan pada anvanced chipset feature. Mengatur banyaknya memory yang terpotong untuk VGA juga terdapat disini.

Advanced Chipset Feat	ures	Item Help
GPU External Freq. (Miz) CPU Frequency Multiple Settin CPU Frequency Multiple System Performance CPU Interface Memory Frequency Resulting Frequency « Memory Timings « SDRAM Active Frecharge Delay « SDRAM RAS to CAS Delay « SDRAM RAS Precharge Delay « SDRAM CAS Latency FSB Spread Spectrum AGP Spread Spectrum CPU Veore Graphics Aperture Size	(166 MH2) ng(Auto) 13.0x (Optimal) Optimal (Auto) Auto Optimal 7 3 3 2.5T 10.50 ×1 (Disabled) (Auto) 1.650V 164MB)	Menu Level >>

Advanced chipset feature

Phoenix AwardBlOS CMOS Setup Utility Advanced **PnF/PC1** Configurations Item Help Resources Controlled By × PCI IRQ Resources Exclusion (Auto(ESCD)] Menu Level ++ BIOS can automatically [Disabled] PCI/UGA Palette Snoop configure all the boot and Plug and Play compatible devices. If you choose Auto, you cannot select IRQ DMA and memory base address fields, since BIOS automatically assigns them 11 Select Item and ++ Select Menu Change Unites Heip RSC Exit Enter Select 1 Sub-Menu F10 : Save and Exit

Setting untuk plug and play pada slot Pci adalah berikut ini :

Advanced PCI configuration

Untuk mengaktifkan atau menon-aktifkan periperal onboard menggunakan fasilitas advanced periperal yang terdiri atas suara, lan, usb dan lain-lain.

Integrated Periphere	Ms	Item Help
Primary UGA BIDS USB Controllers USB Keyboard & Legacy Support USB Legacy Mouse Support Onboard AC97 Audio Controller Onboard Lan(nUIDIA) Onboard 1394 Device Floppy Disk Access Controller Onboard Serial Port 1 Onboard Serial Port 2 × UART2 use as Onboard Parallel Port × Farailel Port Mode × ECP DMA Select Onboard Game Port Onboard MIDI 1/0 Onboard MIDI 1/0	(TGP UGA Card] [U1.1+U2.0] [Enabled] [Enabled] [Auto] [Disabled] [Auto] [Enabled] [SF8/IRQ4] [Disabled] COM Fort [Disabled] SFP 3 [Disabled] [330] [10]	Menu Level >>

Integrated periperal

Kemudian untuk setting masalah power pada komputer yang digunakan dapat di lakukan setting pada advanced power.

Phoenix - Aw	ardBIOS CMOS Setup U	Itility
Power Management Setup		Item Help
ACP1 Suspend to RAM Video Off Method PWR button < 4 Secs Power Up On PC1 Device Wake/Power Up On Ext.Modem Automatic Power Up * Time(hh:mm:ss) of Alarm AC Power Loss Restart Power On By PS/2 Mouse Power On By PS/2 Keyboard	(Disabled) (DPMS Support) (Soft Off) (Disabled) (Disabled) (Disabled) (Disabled) (Disabled) (Disabled) (Disabled)	Menu Level → Enable or disable suspension to RAM.
F1 : Help 14 Select Item	and ** Select Menu	-/+ Change Ualues

Power management setup

Dan yang terakhir untuk setting password di BIOS melalui :

Phoenix - AwardBIDS CMDS Setup Utility Main Advanced Security Mardware Monitor Exit		
Security Option (Setup) Set Supervisor Password Set User Password	Item Help Menu Level Select whether the password is required every time the system boots or only when you enter setup	
F1 : Help 11 Select Item and ++ Select Men ESC : Exit Enter Select : Sub-Menu	nu	

Security BIOS