



Aopen 6BC Pro II

[Before Starting...]

1. These are CMOS settings of changing part from a default settings of main board.

If a setting is changed, the system could be worked abnormally.

2. Refer to User Manual about detailed explanation.

3. **High-light black color letters** are **default** setting when you purchase main board.

Even though it is default setting but not high-light black color letters, default setting can be used. **High-light gray color letters** are indicating the most suitable value to the system and are **recommendable** setting.

[CMOS Setting of Main Board]

1. CMOS Main Menu

```

ROM PCI/ISA BIOS(00000006)
CMOS SETUP UTILITY
AWARD SOFTWARE, INC.
    
```

STANDARD CMOS SETUP BIOS FEATURES SETUP CHIPSET FEATURES SETUP POWER MANAGEMENT SETUP PNP/PCI CONFIGURATION LOAD SETUP DEFAULTS LOAD TURBO DEFAULTS	INTEGRATED PERIPHERALS PASSWORD SETTING IDE HDD AUTO DETECTION SAVE & EXIT SETUP EXIT WITHOUT SAVING LOAD EEPROM DEFAULTS SAVE EEPROM DEFAULTS
Esc : Quit F10 : Save & Exit Setup	
↑ ↓ ← → : Select Item (Shift)F3 : Change Language	
Time, Date, Hard Disk Type...	

2. STANDARD CMOS SETUP

```

ROM PCI/ISA BIOS(00000006)
STANDARD CMOS SETUP
AWARD SOFTWARE, INC.
    
```

Date (mm:dd:yy) : **Mon, Feb 7 2000**
 Time (hh:mm:ss) : **13 : 42 : 25**

HARD DISK	TYPE	SIZE	CYLS	HEAD	PRECOMP	LANDZ	SECTOR	MODE
Primary Master	: Auto	0M	0	0	0	0	0	AUTO
Primary Slave	: Auto	0M	0	0	0	0	0	AUTO
Secondary Master	: Auto	0M	0	0	0	0	0	AUTO
Secondary Slave	: Auto	0M	0	0	0	0	0	AUTO

Drive A : 1.44M, 3.5 in.
 Drive B : None

Video : EGA/VGA Halt On : All Errors	Base Memory : 640K Extended Memory : 130048K Other Memory : 384K
Total Memory : 131072K	

ESC : Quit
 F1 : Help

↑ ↓ ← → : Select Item
 F9 : Change Language

PU/PD/+/- : Modify

Date and Time	
Date (mm:dd:yy)	Mon, Feb 7 2000
Time (hh:mm:ss)	13 : 42 : 25

Halt On
All Errors
No Errors
All , But Keyboard
All , But Diskette
All , But Disk/Key

3. BIOS FEATURES SETUP

ROM PCI/ISA BIOS(00000006) BIOS FEATURES SETUP AWARD SOFTWARE, INC.		
Virus Warning	: Disabled	Video BIOS Shadow : Enabled
External Cache	: Enabled	C8000-CBFFF Shadow : Disabled
CPU L2 Cache ECC Checking	: Enabled	CC000-CFFFF Shadow : Disabled
Processor Number Feature	: Enabled	D0000-D3FFF Shadow : Disabled
Quick Power On Self Test	: Enabled	D4000-D7FFF Shadow : Disabled
Boot From LAN First	: Enabled	D8000-DBFFF Shadow : Disabled
Boot Sequence	: CDROM,A,C	DC000-DRFFF Shadow : Disabled
Swap Floppy Drive	: Disabled	
Boot Up Floppy Seek	: Disabled	
Boot Up Numlock Status	: Off	
Boot Up System Speed	: High	
Typematic Rate Setting	: Disabled	
Typematic Rate (Chars/Sec)	: 6	ESC : Quit ↑↓←→ : Select Item
Typematic Delay(Msec)	: 250	F1 : Help PU/PD/+/- : Modify
Security Option	: Setup	F5 : Old Values F9 : Language
PCI/VGA Palette Snoop	: Disabled	F6 : Load Setup Defaults
OS Select For DRAM > 64MB	: Non-OS2	F7 : Load Turbo Defaults
Show Logo On Screen	: Enabled	

<p>Boot From LAN First</p> <p>Enabled Disabled</p>	<p>Boot Sequence</p> <p>CDROM,A,C CDROM,C,A C,CDROM,A C,A,SCSI A,C,SCSI LS/ZIP,C C only SCSI,C,A SCSI,A,C F,A,SCSI E,A,SCSI D,A,SCSI</p>	<p>Boot Up Floppy Seek</p> <p>Disabled Enabled</p>	<p>Show Logo On Screen</p> <p>Enabled Disabled</p>
--	--	--	--

4. CHIPSET FEATURES SETUP

ROM PCI/ISA BIOS(00000006) CHIPSET FEATURES SETUP AWARD SOFTWARE, INC.		
SDRAM CAS Latency	: 3 T	***** Jumperless Setup *****
SDRAM RAS# to CAS# Delay	: 3 T	Manufacture Freq Default : Mhz
SDRAM RAS# Precharge	: 3 T	Clock Spread Spectrum : On
SDRAM Precharge Control	: Disabled	CPU Voltage Default : 1.50 V
DRAM ECC Function	: Disabled	CPU Voltage Setting : 1.50 V
System BIOS Cacheable	: Disabled	CPU Speed Detected : 533 MHz
Video BIOS Cacheable	: Disabled	CPU Clock Frequency : 66.8 MHz
Video RAM Cacheable	: Disabled	CPU Clock Ratio : 3.5
8 Bit I/O Recovery Time	: 4	CPU Speed Setting : 233.8 MHz
16 Bit I/O Recovery Time	: 1	Y2K CMOS Update : Enabled
Memory Hole At 15M-16M	: Disabled	
Passive Reelase	: Enabled	
Delayed Transaction	: Enabled	
AGP Aperture Size (MB)	: 64	
Pentium II Micro Codes	: Enabled	
		ESC : Quit ↑↓←→ : Select Item
		F1 : Help PU/PD/+/- : Modify
		F5 : Old Values F9 : Language
		F6 : Load Setup Defaults
		F7 : Load Turbo Defaults

<p>SDRAM CAS Latency</p> <p>3 T 2 T</p> <p>Choose by Memory type</p>	<p>SDRAM RAS# to CAS# Delay / SDRAM RAS# Precharge</p> <p>3 T 2 T Auto</p>	<p>System BIOS Cacheable / Video BIOS Cacheable</p> <p>Disabled Enabled</p>
--	--	---

CPU Clock Frequency
66.8 MHz
68.5 MHz
75.0 MHz
83.3 MHz
100.0 MHz
103.0 MHz
112.0 MHz
117/29.75
117/39MHz
124.0 MHz
129.0 MHz
133.3 Mhz
138.0 MHz
143.0 MHz
148.0 MHz
153.0 MHz

Auto Detecting by CPU Clock

CPU Clock Ratio
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0
5.5
6.0
6.5
7.0
7.5
8.0

Choose by CPU Clock

5. POWER MANAGEMENT SETUP

ROM PCI/ISA BIOS(00000006)
POWER MANAGEMENT SETUP
AWARD SOFTWARE, INC.

ACPI function : Eanbled Power Management : User Define PM Control by APM : Yes Video Off Method : V/H SYNC+Blank Video Off After : Standby Standby Mode : Disabled Suspend Mode : Disabled HDD Power Down : Disabled OV Wake On Modem : Disabled Wake On Lan : Disabled Suspend Mode Option : PowerOn Suspend Throttle Duty Cycle : 62.5% VGA Active Monitor : Disabled Soft-Off by PWR-BTTN : Delay 4 Sec. Wake On RTC Timer : Disabled	** Break Event From Suspend ** IRQ 8 Break Suspend : Disabled ** Reload Global Timer Events ** IRQ[3-7,9-15],NMI : Enabled Primary IDE 0 : Disabled Primary IDE 1 : Disabled Secondary IDE 0 : Disabled Secondary IDE 1 : Disabled Floppy Disk : Disabled Serial Port : Enabled Parallel Port : Disabled
ESC : Quit ↑↓←→ : Select Item F1 : Help PU/PD/+/- : Modify F5 : Old Values F9 : Language F6 : Load Setup Defaults F7 : Load Turbo Defaults	

PM Control by APM

Yes
No

Video Off Method

V/H SYNC+Blank
DPMS
Blank Screen

Video Off After

Standby
NA
Suspend

VGA Active Monitor

Disabled
Enabled

Soft-Off by PWR-BTTN

Delay 4 Sec.
Instant-Off

6. PNP/PCI CONFIGURATION(Defaultts)

```

ROM PCI/ISA BIOS(00000006)
PNP/PCI CONFIGURATION
AWARD SOFTWARE, INC.

PNP OS Installed      : No
Resources Controlled By : Auto

PCI IDE IRQ Map To  : PCI-AUTO
Primary IDE INT#    : A
Secondary IDE INT#   : B

Assing IRQ For USB  : Enabled
Assing IRQ For VGA  : Enabled
MODEM Use IRQ       : 3

PCI Slot 1 IRQ (Right) : Auto
PCI Slot 2 IRQ          : Auto
PCI Slot 3/6 IRQ        : Auto
PCI Slot 4/5 IRQ        : Auto

ESC : Quit           ↑↓←→ : Select Item
F1  : Help           PU/PD/+/- : Modify
F5  : Old Values     F9      : Language
F6  : Load Setup Defaults
F7  : Load Turbo Defaults
    
```

PNP OS Installed	Resources Controlled By	Assing IRQ For USB / Assing IRQ For VGA	MODEM Use IRQ
No Yes	Auto Manual	Enabled Disabled	3 4 5 7 9 10 11 NA

6-1. PNP/PCI CONFIGURATION(Resources Controlled By : Manual)

```

ROM PCI/ISA BIOS(00000006)
PNP/PCI CONFIGURATION
AWARD SOFTWARE, INC.

PNP OS Installed      : Yes
Resources Controlled By : Manual

IRQ-3 assinged to : PCI/ISA PnP
IRQ-4 assinged to : PCI/ISA PnP
IRQ-5 assinged to : PCI/ISA PnP
IRQ-7 assinged to : PCI/ISA PnP
IRQ-10 assinged to : PCI/ISA PnP
IRQ-11 assinged to : PCI/ISA PnP
IRQ-12 assinged to : PCI/ISA PnP
IRQ-14 assinged to : PCI/ISA PnP
IRQ-15 assinged to : PCI/ISA PnP
DMA-1 assinged to : PCI/ISA PnP
DMA-3 assinged to : PCI/ISA PnP
DMA-5 assinged to : PCI/ISA PnP
DMA-6 assinged to : PCI/ISA PnP
DMA-7 assinged to : PCI/ISA PnP

PCI IDE IRQ Map To  : PCI-AUTO
Primary IDE INT#    : A
Secondary IDE INT#   : B

Assing IRQ For USB  : Disabled
Assing IRQ For VGA  : Disabled
MODEM Use IRQ       : NA
Used MEM base addr  : N/A

PCI Slot 1 IRQ (Right) : Auto
PCI Slot 2 IRQ          : Auto
PCI Slot 3/6 IRQ        : Auto
PCI Slot 4/5 IRQ        : Auto

ESC : Quit           ↑↓←→ : Select Item
F1  : Help           PU/PD/+/- : Modify
F5  : Old Values     F9      : Language
F6  : Load Setup Defaults
F7  : Load Turbo Defaults
    
```

```

IRQ-3 assinged to
/ IRQ-4 assinged to

PCI/ISA PnP
Legacy ISA
    
```

7. INTEGRATED PERIPHERALS

ROM PCI/ISA BIOS(00000006)
INTEGRATED PERIPHERALS
AWARD SOFTWARE, INC.

<p>IDE HDD Block Mode : Disabled</p> <p>IDE Primary Master PIO : Auto</p> <p>IDE Primary Slave PIO : Auto</p> <p>IDE Secondary Master PIO : Auto</p> <p>IDE Secondary Slave PIO : Auto</p> <p>IDE Primary Master UDMA : Auto</p> <p>IDE Primary Slave UDMA : Auto</p> <p>IDE Secondary Master UDMA : Auto</p> <p>IDE Secondary Slave UDMA : Auto</p> <p>On-Chip Primary PCI IDE : Enabled</p> <p>On-Chip Secondary PCI IDE : Enabled</p> <p>USB Keyboard Support : Disabled</p> <p>Init Display First : AGP</p> <p>POWER ON Function : BUTTON ONLY</p> <p>AC PWR Auto Recovery : Off</p>	<p>Onboard FDC Controller : Enabled</p> <p>Onboard Serial Port 1 : 3F8/IRQ4</p> <p>Onboard Serial Port 2 : 2F8/IRQ3</p> <p>UART Mode Select : Normal</p> <p>Onboard Parallel Port : 378/IRQ7</p> <p>Parallel Port Mode : SPP</p> <p>ESC : Quit ↑↓←→ : Select Item</p> <p>F1 : Help PU/PD/+/- : Modify</p> <p>F5 : Old Values F9 : Language</p> <p>F6 : Load Setup Defaults</p> <p>F7 : Load Turbo Defaults</p>
--	--

IDE HDD Block Mode

Disabled
Enabled

POWER ON Function

BUTTON ONLY
Keyboard 98
Password
Hot KEY
Mouse Left
Mouse Right

AC PWR Auto Recovery

Off
On
Former-Sts

8. IDE HDD AUTO DETECTION

ROM PCI/ISA BIOS(00000006)
CMOS SETUP UTILITY
AWARD SOFTWARE, INC.

HARD DISK	TYPE	SIZE	CYLS	HEAD	PRECOMP	LANDZ	SECTOR	MODE																																
Primary Master :																																								
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <p style="text-align: center;">Select Primary Master Option(N=Skip) : N</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">OPTIONS</th> <th style="text-align: left;">SIZE</th> <th style="text-align: left;">CYLS</th> <th style="text-align: left;">HEAD</th> <th style="text-align: left;">PRECOMP</th> <th style="text-align: left;">LANDZ</th> <th style="text-align: left;">SECTOR</th> <th style="text-align: left;">MODE</th> </tr> </thead> <tbody> <tr> <td>2(Y)</td> <td>61496</td> <td>7476</td> <td>255</td> <td>0</td> <td>29436</td> <td>63</td> <td>LBA</td> </tr> <tr> <td>1</td> <td>61496</td> <td>29437</td> <td>16</td> <td>65535</td> <td>29436</td> <td>255</td> <td>NORMAL</td> </tr> <tr> <td>3</td> <td>61486</td> <td>3679</td> <td>128</td> <td>65535</td> <td>29436</td> <td>255</td> <td>LARGE</td> </tr> </tbody> </table> </div>									OPTIONS	SIZE	CYLS	HEAD	PRECOMP	LANDZ	SECTOR	MODE	2(Y)	61496	7476	255	0	29436	63	LBA	1	61496	29437	16	65535	29436	255	NORMAL	3	61486	3679	128	65535	29436	255	LARGE
OPTIONS	SIZE	CYLS	HEAD	PRECOMP	LANDZ	SECTOR	MODE																																	
2(Y)	61496	7476	255	0	29436	63	LBA																																	
1	61496	29437	16	65535	29436	255	NORMAL																																	
3	61486	3679	128	65535	29436	255	LARGE																																	
Note : Some OSes (like SCO-UNIX) must use "NORMAL" for installaion																																								
ESC : Skip																																								

Select Primary Master Option(N=Skip) : N Y

9. SAVE EEPROM DEFAULTS

Save EEPROM Defaults (Y/N)? N Y

10. SAVE & EXIT SETUP

Save to CMOS and EXIT (Y/N)? N Y