



ASUS[®] CUSL2-C

**Intel[®] 815EP ATX Motherboard
CMOS Setup**

[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. Main Menu

AwardBios Setup Utility					
Main	Advanced	Power	Boot	Exit	
System Time [17:00:00] System Date [03/01/2001] Legacy Diskette A [1.44M, 3.5 in.] Legacy Diskette B [None]					Item Specific Help
▶ Primary Master [Auto] ▶ Primary Slave [Auto] ▶ Secondary Master [Auto] ▶ Secondary Slave [Auto] ▶ Keyboard Features					<Enter> to select field; <+>, <-> to change value.
Language [English] Supervisor Password [Disabled] User Password [Disabled] Halt On [All Errors] Installed Memory 128 MB					
F1	Help	↑↓	Select Item	-/+	Change Values
ESC	Exit	↔	Select Menu	Enter	Select ▶ Sub-Menu
					F5 Setup Defaults
					F10 Save and Exit

[Halt On]

All Errors
No Error
All But Keyboard
All But Disk
All But Disk/Keyboard

1-1. Primary & Secondary Master/Slave

AwardBios Setup Utility					
Main					
Primary Master [Auto]					Item Specific Help
Type [Auto] Cylinders [1024] Sector [63] CHS Capacity 8422MB Maximum LBA Capacity 25590MB					<Enter> to select the type of the IDE drive [User Type HDD] allows you to set each entry on your own.
Multi-Sector Transfers [Maximum] SMART Monitoring [Disabled] PIO Mode [4] ULTRA DMA Mode [2]					
F1	Help	↑↓	Select Item	-/+	Change Values
ESC	Exit	↔	Select Menu	Enter	Select ▶ Sub-Menu
					F5 Setup Defaults
					F10 Save and Exit

[Type]

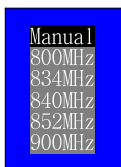
None
Auto
User Type HDD
CD-ROM
LS-120
ZIP-100
MO
Other ATAPI Device

2. Advanced Menu

AwardBios Setup Utility				
Main	Advanced	Power	Boot	Exit
CPU Internal Frequency [Manual] CPU Frequency Multiple [5.0x] FSB:SDRAM:PCI Freq. Ratio [133:133:33] FSB:SDRAM:PCI Freq. (MHZ) [133:133:33] CPU Vcore [1.60V] CPU Level 1 Cache [Enabled] CPU Level 2 Cache [Enabled] CPU Level 2 Cache ECC Check [Disabled] Processor Serial Number [Disabled] BIOS Update [Enabled] PS/2 Mouse Function Control [Auto] USB Legacy Support [Auto] OS/2 Onboard Memory > 64M [Disabled] ▶ Chip Configuration ▶ I/O Device Configuration ▶ PCI Configuration ▶ Shadow Configuration				Item Specific Help To Make changes to the first 5 fields, the motherboard must be set to jumperfree mode. To set the following 3 fields, the CPU Internal Frequency must be set to [Manual].
F1 Help	↑↓ Select Item	-/+ Change Values	F5 Setup Defaults	
ESC Exit	↔ Select Menu	Enter Select ▶ Sub-Menu	F10 Save and Exit	

[CPU Internal Frequency]

[PS/2 Mouse Function Control, USB Legacy Support]



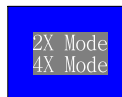
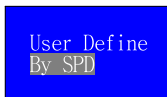
2-1 Chip Configuration

AwardBios Setup Utility				
Advanced				
Chip Configuration				Item Specific Help
SDRAM Capability PC133 SDRAM Operating Mode PC100 SDRAM Timing [By SPD] SDRAM CAS Latency [3T] SDRAM RAS to CAS Delay [3T] SDRAM RAS Precharge Time [3T] SDRAM Cycle Time (Tras,Trc) [7T,9T] SDRAM Page Closing Policy [One Bank] CPU Latency Timer [Enabled] Command Per Cycle [Enabled] Video Memory Cache Mode [UC] Graphics Window Size [64MB] AGP Capability [4X Mode] Memory Hole At 15M-16M [Disabled] PCI 2.1 Support [Enabled] High Priority PCI Mode [Enabled] Onboard PCI IDE Enable [Both] SDRAM Data Driving Mode [Normal]				<Enter> to select SDRAM configuration [By SPD] is recommended. [User Define] allows you to set each configuration on your own.
F1 Help	↑↓ Select Item	-/+ Change Values	F5 Setup Defaults	
ESC Exit	↔ Select Menu	Enter Select ▶ Sub-Menu	F10 Save and Exit	

[SDRAM Timing]

[SDRAM Page Closing Policy]

[AGP Capability]



2-2 I/O Device Configuration

AwardBios Setup Utility	
Advanced	
I/O Device Configuration	Item Specific Help
Onboard AC97 Modem Controller [Auto]	<Enter> to select.
Onboard AC97 Audio Controller [Auto]	
Onboard FDC Swap A & B [No Swap]	
Floppy Disk Access Control [R/W]	
Onboard Serial Port 1 [3F8H/IRQ4]	
Onboard Serial Port 2 [2F8H/IRQ3]	
UART2 Use Standard Infrared [Disable]	
Onboard Parallel Port [378H/IRQ7]	
Parallel Port Mode [ECP+EPP]	
ECP DMA Select [3]	
Onboard CIR I/O [Disabled]	
F1 Help ↑↓ Select Item -/+ Change Values F5 Setup Defaults ESC Exit ← Select Menu Enter Select ► Sub-Menu F10 Save and Exit	

[Onboard AC97 Modem Controller, Onboard AC97 Audio Controller]

Disabled
Auto

[Onboard Serial Port 1]

3F8H/IRQ4
2F8H/IRQ3
3E8H/IRQ4
2E8H/IRQ10
Disabled

[Onboard Serial Port 2]

3F8H/IRQ4
2F8H/IRQ3
3E8H/IRQ4
2E8H/IRQ10
Disabled

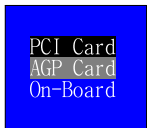
[Parallel Port Mode]

Normal
EPP
ECP
ECP+EPP

2-3 PCI Configuration

AwardBios Setup Utility	
Advanced	
PCI Configuration	Item Specific Help
Slot 1/5 IRQ [Auto] Slot 2 IRQ [Auto] Slot 3 IRQ [Auto] Slot 4 IRQ [Auto] Slot 5 IRQ [Auto] Slot 6 IRQ [Auto] PCI/VGA Palette Snoop [Disabled] PCI Latency Timer [32] USB Function [Enabled] Primary VGA BIOS [PCI Card] Onboard LAN Boot ROM [Disable]	<Enter> to select an IRQ.
▶ PCI IRQ Resource Exclusion	
F1 Help ↑↓ Select Item -/+ Change Values F5 Setup Defaults ESC Exit ← Select Menu Enter Select ▶ Sub-Menu F10 Save and Exit	

[Primary VGA BIOS]



2-3-1 PCI IRQ Resource Exclusion

AwardBios Setup Utility	
Advanced	
PCI IRQ Resource Exclusion	Item Specific Help
IRQ 3 Reserved [No] IRQ 4 Reserved [No] IRQ 5 Reserved [No] IRQ 7 Reserved [No] IRQ 9 Reserved [No] IRQ 10 Reserved [No] IRQ 11 Reserved [No] IRQ 12 Reserved [No] IRQ 14 Reserved [No] IRQ 15 Reserved [No]	Select [Yes] if this IRQ is required by legacy card; otherwise, select [No].
F1 Help ↑↓ Select Item -/+ Change Values F5 Setup Defaults ESC Exit ← Select Menu Enter Select ▶ Sub-Menu F10 Save and Exit	

[IRQ 3/4 Reserved]



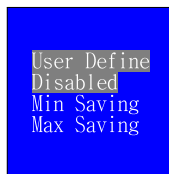
2-4 Shadow Configuration

AwardBios Setup Utility				
Advanced				
Shadow Configuration			Item Specific Help	
Video ROM BIOS Shadow	[Enable]			Select [Enabled] to move video BIOS from ROM to RAM.
C8000-CBFFF Shadow	[Disabled]			
CC000-CFFFF Shadow	[Disabled]			
D0000-D3FFF Shadow	[Disabled]			
D4000-D7FFF Shadow	[Disabled]			
D8000-DBFFF Shadow	[Disabled]			
DC000-DFFFF Shadow	[Disabled]			
F1 Help	↑↓ Select Item	-/+ Change Values	F5 Setup Defaults	
ESC Exit	↔ Select Menu	Enter Select ▶ Sub-Menu	F10 Save and Exit	

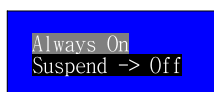
3. Power Menu

AwardBios Setup Utility				
Main	Advanced	Power	Boot	Exit
			Item Specific Help	
Power Management	[User Define]			<Enter> to select the power saving mode. You can select [User Define] ,to go to the suspend mode entry below.
Video Off Option	[Suspend -> Off]			
Video Off Method	[DPMS Off]			
HDD Power Down	[Disabled]			
Suspend-to-RAM Capability	[Disabled]			
Suspend Mode	[Disabled]			
Power Button < 4 Secs	[Soft Off]			
▶ Power Up Control				
▶ Hardware Monitor				
F1 Help	↑↓ Select Item	-/+ Change Values	F5 Setup Defaults	
ESC Exit	↔ Select Menu	Enter Select ▶ Sub-Menu	F10 Save and Exit	

[Power Management]



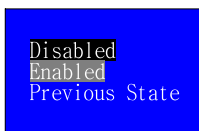
[Video Off Option]



3.1 Power Up Control

AwardBios Setup Utility				
Power				
Power Up Control			Item Specific Help	
AC PWR Loss Restart	[Disabled]			<Enter> to select Whether of not to restart the system after AC power loss.
PWR Up On External Modem Act:	[Disabled]			
Wake On LAN of PCI Modem:	[Disabled]			
Wake On PS2 KB/PS2 Mouse/CIR	[Disabled]			
Wake Up By Keyboard	[Space Bar]			
Wake On USB for STR State	[Disabled]			
Automatic Power Up	[Disabled]			
F1 Help	↑↓ Select Item	-/+ Change Values	F5 Setup Defaults	
ESC Exit	↔ Select Menu	Enter Select ▶ Sub-Menu	F10 Save and Exit	

[AC PWR Loss Restart]



4. Boot Menu

AwardBios Setup Utility					
Main	Advanced	Power	Boot	Exit	
1. Removable Device			[Legacy Floppy]	Item Specific Help	
2. IDE Hard Drive			[None]		
3. ATAPI CD-ROM			[None]	Boot Sequence: <Enter> to select the device. To select the boot sequence, use the up or down arrow. Press <+> to move the device up the list, or <-> to move it down the list.	
4. Other Boot Device			[INT18 Device (Network)]		
Plug & Play O/S			[No]		
Boot Virus Detection			[Enabled]		
Quick Power On Self Test			[Enabled]		
Boot Up Floppy Seek			[Enabled]		
Full Screen Logo			[Enabled]		
F1 Help	↑↓ Select Item	-/+ Change Values	F5 Setup Defaults		
ESC Exit	↔ Select Menu	Enter Select ▶ Sub-Menu	F10 Save and Exit		

[4. Other Boot Device]



[Plug & Play O/S]



[Boot Virus Detection, Full Screen Logo]



5. Exit Menu

AwardBios Setup Utility					
Main	Advanced	Power	Boot	Exit	
Exit Saving Changes Exit Discarding Changes Load Setup Defaults Discard Changes Save Changes				Item Specific Help Exit Setup utility and save your changes to CMOS.	
F1 Help	↑↓ Select Item	-/+ Change Values	F5 Setup Defaults		
ESC Exit	↔ Select Menu	Enter Select	▶ Sub-Menu	F10 Save and Exit	

[Exit Saving Changes]

Setup Confirmation
Save configuration changes and exit now?
[Yes] [No]

Last update : 04/05/2001

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