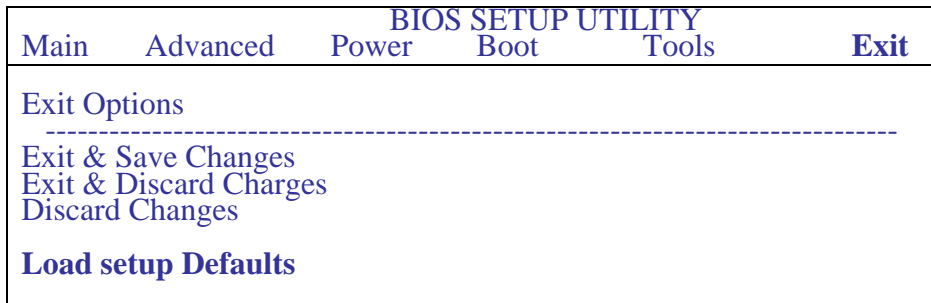## ASUS P5KPL IPC MOTHERBOARD CMOS SETUP ──────────

Immediately after the memory test, press DELETE to enter **CMOS SETUP**. (This must be done on a PC keyboard connected on the back of the RADAR or CYCLE on KC24).
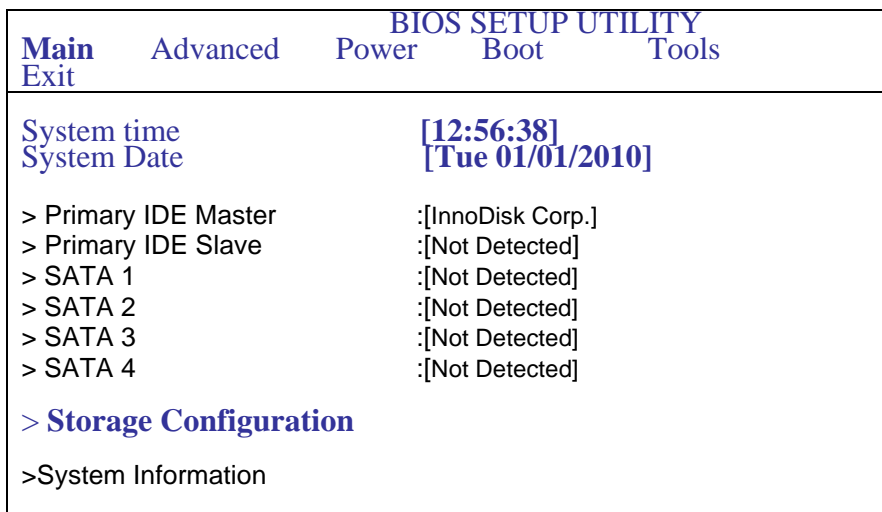
1   Use the left arrow key and select **EXIT** on the far right. Choose **LOAD SETUP DEFAULTS** and press ENTER ,then, press ENTER again on **OK**.

```
                          BIOS SETUP UTILITY
Main      Advanced    Power      Boot        Tools          Exit

Exit Options
  ----------------------------------------------------------------------
Exit & Save Changes
Exit & Discard Charges
Discard Changes

Load setup Defaults
```

2   Use the right arrow key and select **MAIN** and make the following changes:

Change **SYSTEM TIME (MM:DD:YY)** to current time

Change **SYSTEM DATE (HH:MM:SS)** to current date

```
                          BIOS SETUP UTILITY
Main      Advanced    Power      Boot        Tools
Exit

System time                    [12:56:38]
System Date                    [Tue 01/01/2010]

> Primary IDE Master           :[InnoDisk Corp.]
> Primary IDE Slave            :[Not Detected]
> SATA 1                       :[Not Detected]
> SATA 2                       :[Not Detected]
> SATA 3                       :[Not Detected]
> SATA 4                       :[Not Detected]

> Storage Configuration

>System Information
```

Use the down arrow key and select **STORAGE CONFIGURATION**, then press ENTER

Set **ADA/IDE CONFIGURATION TO** to **ENHANCED**

Set **ENHANCED MODE SUPPORT** to **S-ATA+P-ATA**

Press ESC to exit.

3 Use the right arrow key and select **ADVANCED**, choose **USB CONFIGURATION** and press ENTER

BIOS SETUP UTILITY

Main	**Advanced**	Power	Boot	Tools	Exit

> **USB Configuration**

> CPU Configuration
> Chipset
> Onboard Devices Configuration
> PCIPNP

Make the following changes:

Set **LEGACY USB SUPPORT** to **ENABLED**

Set **USB 2.0 CONTROLLER MODE** to **FULL SPEED**

USB Configuration

USB Functions	[Enabled]
USB 2.0 Controller	[Enabled]
Legacy USB support	**[Enabled**]
USB 2.0 Controller Mode	**[Full Speed]**

Press ESC to exit.

Select **CHIPSET** and press ENTER

BIOS SETUP UTILITY

Main	**Advanced**	Power	Boot	Tools	Exit

> USB Configuration

> CPU Configuration
> **Chipset**
> Onboard Devices Configuration
> PCIPNP

Select **NORTH BRIDGE CONFIGURATION**, press ENTER and make the following changes:

Set **INITIATE GRAPHICS ADAPTER** to **PEG / PCI**

Set **INTERNAL GRAPHICS MODE** to **DISABLE**

Advanced Chipset Setting	North Bridge Chipset Configuration
--	--
North Bridge Configuration South Bridge Configuration	**Initiate Graphics Adapter [PEG / PCI]** **Internal Graphics Mode [Disable]**

Press ESC to exit.

Select **SOUTH BRIDGE CONFIGURATION**, press ENTER and make the following changes:

Set **AUDIO CONTROLLER** to **DISABLE**

Advanced Chipset Setting	South Bridge Chipset Configuration
--	--
North Bridge Configuration **South Bridge Configuration**	**Audio Controller [Disable]**

Press ESC twice to exit.

Select **ONBOARD DEVICES CONFIGURATION**, press ENTER.

BIOS SETUP UTILITY					
Main	**Advanced**	Power	Boot	Tools	Exit

> USB Configuration

> CPU Configuration
> Chipset
> **Onboard Devices Configuration**
> PCIPNP

Make the following change:

Set **ONBOARD LAN** to **DISABLED**

```
┌─────────────────────────────────────────────────────────────────────────┐
│  Configure Win 83627 DHG-A Super IO Chipset                              │
│  ----------------------------------------------------------------------  │
│                                                                          │
│  Onboard Lan              [ Disabled ]                                   │
│                                                                          │
│                                                                          │
│  Serial Port1 Address 1    [ 3F8 /IRQ4 ]                                 │
│  Serial Port1 Address 2    [ 2F8 /IRQ3 ]                                 │
│                                                                          │
└─────────────────────────────────────────────────────────────────────────┘
```

Press ESC to exit.

4 Use the right arrow key and select **POWER**, choose **APM CONFIGURATION** and press ENTER

```
┌─────────────────────────────────────────────────────────────────────────┐
│                          BIOS SETUP UTILITY                              │
│  Main     Advanced    Power      Boot        Tools        Exit           │
│                                                                          │
│  Suspend Mode                      [ AUTO ]                              │
│  ACPI 2.0 Support                  [ Disabled ]                          │
│  ACPI APIC Support                 [ Enabled ]                           │
│                                                                          │
│                                                                          │
│  > APM Configuration                                                     │
│  > Hardware Monitor                                                      │
│                                                                          │
└─────────────────────────────────────────────────────────────────────────┘
```

Make the following change:

Set **RESTORE ON AC POWER LOSS** to **LAST STATED**

```
┌─────────────────────────────────────────────────────────────────────────┐
│  APM Configuration                                                       │
│   ---------------------------------------------------------------        │
│                                                                          │
│                                                                          │
│  Restore on AC Power Loss          [ Last stated ]                       │
│                                                                          │
│                                                                          │
└─────────────────────────────────────────────────────────────────────────┘
```

Press ESC to exit.

Select **HARDWARE MONITOR**, press ENTER and make the following changes:

Set **CPU Q-FAN** to **ENABLE**

Set **CPU FAN PROFILE** to **OPTIMAL**

Set **CHASSIS Q-FAN CONTROL** to **ENABLE**

Set **CHASSIS FAN PROFILE** to **OPTIMAL**

```
Hardware Monitor
-------------------------------------------------------------

CPU Q-Fan                     [ Enable ]
CPU Fan Profile               [Optimal]

Chassis Q-Fan Control         [ Enable ]
Chassis Fan Profile           [Optimal]
```

Press ESC to exit.

5 Use the right arrow key and select **BOOT,** choose **BOOT DEVICE PRIORITY** and press ENTER

```
                         BIOS SETUP UTILITY
Main      Advanced     Power      Boot       Tools        Exit

Boot Settings
----------------------------------------------------

> Boot Device Priority

> Boot Settings Configuration
> Security
```

Make the following changes:

Set **1ST BOOT DEVICE** to **HDD**

Set **2ND BOOT DEVICE** to **CDROM**

Set **3RD BOOT DEVICE** to **DISABLE**

```
Boot Device Priority
-----------------------------------------------------------------

1ST Boot Device              [ HDD ]
2nd Boot Device              [ CDROM ]
3rd Boot Device              [ Disable ]
```

Press ESC to exit.

Select **BOOT SETTINGS CONFIGURATION** and press ENTER

```
                         BIOS SETUP UTILITY
Main      Advanced     Power      Boot       Tools        Exit
```

Boot Settings

> Boot Device Priority

> **Boot Settings Configuration**
> Security

Make the following change:

Set **FULL SCREEN LOGO** to **DISABLE**

Boot Settings Configuration

Full Screen Logo   **[Disable]**

Press ESC to exit.

6 Use the right arrow key and select **EXIT**, choose **EXIT & SAVE CHANGES**, press ENTER and
then press ENTER again to confirm.

END of CMOS setup for ASUS P5KPL IPC motherboard.