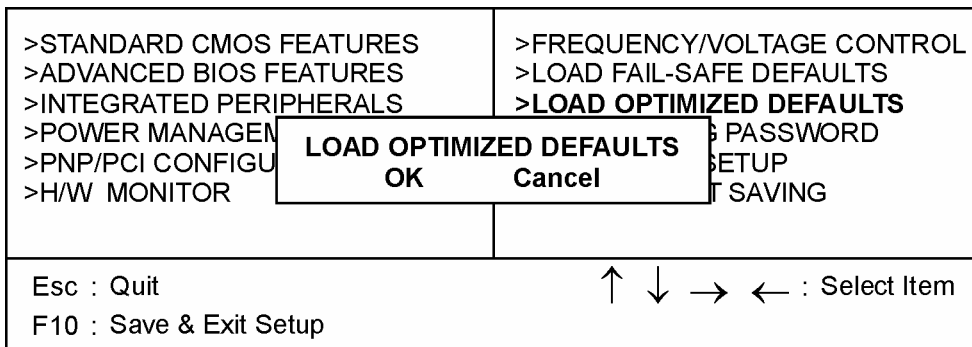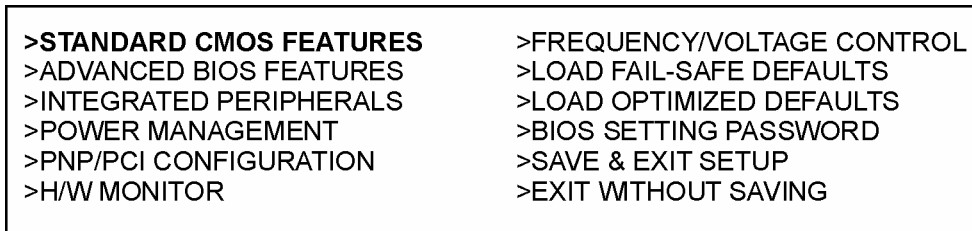# MSI 945P Neo5 Motherboard CMOS Setup

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 ADA).

1   Choose **LOAD OPTIMIZED DEFAULTS**, press ENTER , Y , ENTER to load the defaults.

```
>STANDARD CMOS FEATURES          >FREQUENCY/VOLTAGE CONTROL
>ADVANCED BIOS FEATURES          >LOAD FAIL-SAFE DEFAULTS
>INTEGRATED PERIPHERALS          >LOAD OPTIMIZED DEFAULTS
>POWER MANAGEM                            PASSWORD
>PNP/PCI CONFIGU    LOAD OPTIMIZED DEFAULTS    ETUP
>H/W  MONITOR         OK         Cancel      T SAVING


 Esc  :  Quit                      ↑  ↓  →  ←  :  Select Item
 F10  :  Save & Exit Setup
```

2   a) Select **STANDARD CMOS FEATURES**, press ENTER .

```
>STANDARD CMOS FEATURES          >FREQUENCY/VOLTAGE CONTROL
>ADVANCED BIOS FEATURES          >LOAD FAIL-SAFE DEFAULTS
>INTEGRATED PERIPHERALS          >LOAD OPTIMIZED DEFAULTS
>POWER MANAGEMENT                >BIOS SETTING PASSWORD
>PNP/PCI CONFIGURATION           >SAVE & EXIT SETUP
>H/W MONITOR                     >EXIT WITHOUT SAVING
```

b) Make the following changes:

- Change **DATE (MM:DD:YY)** to current date

- Change **TIME (HH:MM:SS)** to current time

```
Date (mm:dd:yy)            [WED 07/04/2007]
Time (hh:mm:ss)            [11:31:12]

>IDE Primary Master        Not Detected
>IDE Primary Slave         Not Detected
>IDE Secondary Master      Not Detected
>IDE Secondary Slave       Not Detected
>IDE Third Master          [Hard Disk]
>IDE Third Slave           [ATAPI CDROM]

Floppy Drive A             [1.44M, 3.5]
>System Information        [Press Enter]
```

c) Press ESC to exit.

3 a) Select **ADVANCED BIOS FEATURES**, press ENTER.

```
>STANDARD CMOS FEATURES        >FREQUENCY/VOLTAGE CONTROL
>ADVANCED BIOS FEATURES        >LOAD FAIL-SAFE DEFAULTS
>INTEGRATED PERIPHERALS        >LOAD OPTIMIZED DEFAULTS
>POWER MANAGEMENT              >BIOS SETTING PASSWORD
>PNP/PCI CONFIGURATION         >SAVE & EXIT SETUP
>H/W MONITOR                   >EXIT WITHOUT SAVING
```

b) Make the following changes:

- Change **FULL SCREEN LOGO DISPLAY** to **DISABLE**

- Select **BOOT SEQUENCE**, press ENTER

Boot Sector Protection	[Enabled]
Full Screen Logo Display	**[Disabled]**
Quick Boot	[Enabled]
Boot Up Num-lock LED	[ON]
IOAPIC Function	[Enabled]
MPS Table Version	[1.4]
>CPU Feature	[Press Enter]
>Chipset	[Press Enter]
>Boot Sequence	**[Press Enter]**

c) Change boot sequence to:

- **1STBOOT DEVICE** to **HDD-0**

- **2NDBOOT DEVICE** to **CD/DVD**

- **3RDBOOT DEVICE** to **1ST FLOPPY DRIVE**

Boot Sequence

1st Boot Device	[HDD : Model # System]
2nd Boot Device	[CD/DVD : Model # of Backup Drive]
3rd Boot Device	[1st Floppy Drive]

d) Press ESC and ESC again to exit.

4   a) Select **INTEGRATED PERIPHERALS**, press ⌜ENTER⌟.

```
>STANDARD CMOS FEATURES        >FREQUENCY/VOLTAGE CONTROL
>ADVANCED BIOS FEATURES        >LOAD FAIL-SAFE DEFAULTS
>INTEGRATED PERIPHERALS        >LOAD OPTIMIZED DEFAULTS
>POWER MANAGEMENT              >BIOS SETTING PASSWORD
>PNP/PCI CONFIGURATION         >SAVE & EXIT SETUP
>H/W MONITOR                   >EXIT WITHOUT SAVING
```

b) Make the following change:

•   Change **HD AUDIO CONTROLLER** to **DISABLED**

```
USB Controller              [Enabled]
USB Device Legacy Support   [Enabled]
Onboard LAN Controller      [Enabled]
LAN Option ROM              [Disabled]
HD Audio Controller         [Disabled]
>ON-Chip ATA Devices        [Press Enter]
>I/O Devices                [Press Enter]
```

c) Press ⌜ESC⌟ to exit.

5   a) Select **POWER MANAGEMENT**, press ⌜ENTER⌟.

```
>STANDARD CMOS FEATURES        >FREQUENCY/VOLTAGE CONTROL
>ADVANCED BIOS FEATURES        >LOAD FAIL-SAFE DEFAULTS
>INTEGRATED PERIPHERALS        >LOAD OPTIMIZED DEFAULTS
>POWER MANAGEMENT              >BIOS SETTING PASSWORD
>PNP/PCI CONFIGURATION         >SAVE & EXIT SETUP
>H/W MONITOR                   >EXIT WITHOUT SAVING
```

b) Make the following change:

• Change **POWER BUTTON FUNCTION** to **SUSPEND**

• **RESTORE ON POWER LOSS** to **LAST STATE**

```
ACPI Function                [Enabled]
ACPI Standby State           [S1]
Suspend Time Out(minute)     [Disabled]
Power Button Function        [Suspend]
Restore on AC Power Loss     [Last State]
>Wake Up Event Setup         [Press Enter]
```

c) Press `ESC` and `ESC` again to exit.

6 Select **SAVE & EXIT SETUP**, press `ENTER`, `Y`, `ENTER` to save and boot ADA.

```
>STANDARD CMOS FEATURES        >FREQUENCY/VOLTAGE CONTROL
>ADVANCED BIOS FEATURES        >LOAD FAIL-SAFE DEFAULTS
>INTEGRATED PERIPHERALS        >LOAD OPTIMIZED DEFAULTS
>POWER MANAG                   SAVE AND EXIT SETUP (Y/N)?    ASSWORD
>PNP/PCI CONFIGURATION         >SAVE & EXIT SETUP
>H/W MONITOR                   >EXIT WITHOUT SAVING
```

End of CMOS setup for MSI 945P Neo5 Motherboard.