# ISA-E2 370 BIOS SETUP PER LINUX v. 1.0.8

## Standard CMOS

| | |
|---|---|
| Data e ora | **Corrente** |
| IDE Primary master | **Auto** |
| IDE Primary slave | **None** |
| IDE Secondary master | **None** |
| IDE Secondary slave | **None** |
| Drive A | **None** |
| Drive B | **None** |
| Video | **EGA/VGA** |
| Halt On | **All Errors** |

## Advanced Chipset

| | |
|---|---|
| Dram timing by SPD | **Disabled** |
| x DRAM Clock | **HCLK-33M** |
| x SDRAM Cycle Length | **2** |
| Memory Hole | **Disabled** |
| P2c/c2p Concurrency | **Enabled** |
| System BIOS Cacheable | **Disabled** |
| Video Ram Cacheable | **Disabled** |
| Frame Buffer Size | **32 M** |
| AGP Aperture Size | **16 M** |
| Agp - 4X Mode | **Disabled** |
| Panel type | **1** |
| Boot device select | **Both** |
| Power-supply type | **AT** |
| OnChip USB | **Enabled** |
| USB Keyboard Support | **Disabled** |
| On chip sound | **Disable** |
| PCI dinamic bursting | **Enabled** |
| PCI master 0 WS Write | **Enabled** |
| PCI delay Transaction | **Disabled** |
| PCI #2 Access #1 Retry | **Enabled** |

## Advanced BIOS

| | |
|---|---|
| Virus warning | **Disabled** |
| CPU internal Cache | **Enabled** |
| External Cache | **Enabled** |
| CPU L2 Cache ECC Checking | **Enabled** |
| Quick power | **Enabled** |
| First boot device | **HDD-0** |
| Second Boot device | **Disabled** |
| Third Boot device | **Disabled** |
| Boot other device | **Disabled** |
| Swap floppy drive | **Disabled** |
| Boot Up flolppy seek | **Disabled** |
| Boot up numlock status | **ON** |
| Gate A20 option | **Fast** |
| Typematic rate setting | **Enabled** |
| x Typematic rate (char/sec) | **6** |
| x Typematic Delay (msec) | **250** |
| Security option | **Setup** |
| OS select for DRAM > 64MB | **Non-OS2** |
| video BIOS shadow | **Enabled** |
| C8000-CBFFF shadow | **Disabled** |
| CC000-CFFFF shadow | **Disabled** |
| D0000-D3FFF shadow | **Disabled** |
| D4000-D7FFF shadow | **Disabled** |
| D8000-DBFFF shadow | **Disabled** |
| DC000-DFFFF shadow | **Disabled** |

## Integrated Peripherals

| | |
|---|---|
| On chip IDE Channel 0 | **Enabled** |
| On chip IDE Channel 1 | **Enabled** |
| IDE perfectch Mode | **Enabled** |
| Primary master PIO | **Auto** |
| Primary slave PIO | **Auto** |
| Scondary master PIO | **Auto** |
| Secondary slave PIO | **Auto** |
| Primary master UDMA | **Auto** |
| Primary slave UDMA | **Auto** |
| Secondary master UDMA | **Auto** |
| Secondary slave UDMA | **Auto** |
| Init Display First | **PCI Slot** |
| IDE HDD Block Mode | **Enabled** |
| Onboard FDD Controller | **Disabled** |
| Onboard serial port 1 | **2F8/IRQ3** |
| Onboard serial port 2 | **Disabled** |
| Onboard Parallel Port | **378/IRQ7** |
| Onboard parallel Mode | **EPP** |
| x ECP Mode Use DMA | **3** |
| x Parallel Port EPP Type | **EPP 1.9** |
| Onboard Serial Port 3 | **3E8** |
| x Serial Port 3 Use IRQ | **IRQ10** |
| Onboard Serial Port 4 | **3F8** |
| Serial Port 4 Use IRQ | **IRQ4** |
| Onboard Legacy Audio | **Disabled** |
| x Sound Blaster | **Disabled** |
| x SB I/O Base Address | **220H** |
| x SB IRQ Select | **IRQ5** |
| x SB DMA Select | **DMA 1** |

## Power management

| | |
|---|---|
| ACPI function | **Disabled** |
| Power management | **Press Enter >** |
| PM control by APM | **NO** |
| Video off option | **Always On** |
| Video off method | **V/H SYNC+Blank** |
| Modem use IRQ | **NA** |
| Soft-off by PWRBTN | **Delay 4 Sec** |
| Wake Up events | **Press Enter >** |

| | |
|---|---|
| > Power management | **User Define** |
| HDD power down | **Disable** |
| Doze mode | **Disable** |
| Suspend mode | **Disable** |

## PnP/PCI Configurations

| | |
|---|---|
| PNP OS Installed | **NO** |
| Reset configuration data | **Disabled** |
| Resources Controlled By | **AUTO (ESCD)** |
| IRQ Resources | **Press Enter** |
| DMA Resources | **Press Enter** |
| PCI/VGA Palette Snoop | **Disabled** |
| Assign IRQ for VGA | **Enabled** |
| Assiign IRQ for USB | **Enabled** |

| | |
|---|---|
| > VGA | **OFF** |
| LPT & COM | **LPT/COM** |
| HDD & FDD | **ON** |
| PCI Master | **OFF** |
| Modem Ring Resume | **Disabled** |
| RTC Allarm resume | **Disabled** |
| x Date (of Month) | **0** |
| x Resume Time (hh:mm:ss) | **0.00.00** |
| Primary INTR | **ON** |
| IRQs Activity Monitoring | **Press Enter >** |

## IRQ Resources

| | |
|---|---|
| IRQ-3 assigned to | **PCI/ISA PnP** |
| IRQ-4 assigned to | **PCI/ISA PnP** |
| IRQ-5 assigned to | **PCI/ISA PnP** |
| IRQ-7 assigned to | **PCI/ISA PnP** |
| IRQ-9 assigned to | **PCI/ISA PnP** |
| IRQ-10 assigned to | **PCI/ISA PnP** |
| IRQ-11 assigned to | **PCI/ISA PnP** |
| IRQ-12 assigned to | **PCI/ISA PnP** |
| IRQ-14 assigned to | **PCI/ISA PnP** |
| IRQ-15 assigned to | **PCI/ISA PnP** |

| | |
|---|---|
| > IRQ3 (COM 2) | **Enabled** |
| IRQ4 (COM 1) | **Enabled** |
| IRQ5 (LPT1) | **Enabled** |
| IRQ6 (Floppy Disk) | **Enabled** |
| IRQ7 (LPT 1) | **Enabled** |
| IRQ8 (RTC Alarm) | **Disabled** |
| IRQ9 (IRQ2 Redir) | **Disabled** |
| IRQ10 (Reserved) | **Disabled** |
| IRQ11 (Reserved) | **Disabled** |
| IRQ12 (PS/2 Mouse) | **Enabled** |
| IRQ13 (Coprocessor) | **Enabled** |
| IRQ14 (Hard Disk) | **Enabled** |
| IRQ15 (Reserved) | **Disabled** |

## DMA Resources

| | |
|---|---|
| DMA-0 assigned to | **PCI/ISA PnP** |
| DMA-1 assigned to | **PCI/ISA PnP** |
| DMA-3 assigned to | **PCI/ISA PnP** |
| DMA-5 assigned to | **PCI/ISA PnP** |
| DMA-6 assigned to | **PCI/ISA PnP** |
| DMA-7 assigned to | **PCI/ISA PnP** |

## Frequency/Voltage Control

| | |
|---|---|
| Auto Detect DIMM/PCI Clk | **Disabled** |
| Spread Spectrum | **Disabled** |
| CPU Host Clock (CPU/PCI) | **Default** |

Qualora si voglia abilitare il floppy disk impostare: Drive A-->Yes;Boot up floppy seek-->Enabled;Onboard FDD Controller-->Enabled