

# Vista T4/T2

Control Consoles

TBJLT128.doc



Date: 25 November 2008

## Changing BIOS Settings After BIOS Battery Replacement

### Application

This Tech note describes the procedure to change the BIOS Settings after the BIOS battery on the CPU tray has been replaced (see Technical Bulletin TBJLT118)

### Parts Required

- External monitor to connected to console
- External keyboard for Version 2 consoles (not compulsory but may be of assistance.)

### Procedure

- Determine which console hardware version requires resetting (see Technical Bulletin TBJLT113)
- Connect external monitor to the console, using the monitor outlets on the rear panel.
- Using the power button located on the top right hand side of the tablet, power up the console.
- At the beginning of the console boot up procedure, the words "Press DEL to enter SETUP". Press the "DEL" key until the setup screen is displayed.
- Once access to the Setup menu has been gained, scroll through by using the ↑↓ arrows on the keyboard. To select a submenu, press <Enter>.

### Version 1 CPU Settings

For version 1 CPU trays, ensure the following parameters are set to the status listed. All other parameters should remain at the default setting.

#### Load Optimized Defaults

Enter 'Y'

#### Standard CMOS Features:

Time	set to correct time
Date	set to correct date
Drive A	[None]
Halt On	[All, But Keyboard]

#### Advanced BIOS Features:

First Boot Device	[USB-HDD]
Second Boot Device	[CDROM]
Third Boot Device	[HDD-0]
Boot Other Device	[Disabled]
Boot Up Floppy Seek	[Disabled]

#### Advanced Chipset Features

Video BIOS Cacheable [Enabled]

**Integrated Peripherals:**

USB Controller [Enabled]  
 USB 2.0 Controller [Disabled]  
 USB Keyboard Support [Enabled]  
 USB Mouse Support [Enabled]  
 Init Display First [Onboard]  
 Onboard FDC Controller [Disabled]  
 Parallel Port Mode [ECP]  
 ECP Mode Use DMA [3]  
 Onboard Serial Port3 [3E8]  
 Serial Port3 Use IRQ [IRQ4]

**Power Management Setup:**

PWRON After PWR-FAIL [Auto]

- Once these parameters have been set, press “F10”
- The application will then display “Save & Exit Setup”. Select ‘Y’ for Yes. The console will then restart.

**Version 2 CPU**

**Load Optimized Defaults**

Enter ‘Y’

**Standard CMOS Features:**

Time set to correct time  
 Date set to correct date  
 Drive A [None]  
 Halt On [All, But Disk/key]

**Advanced BIOS Features:**

First Boot Device [USB-HDD]  
 Second Boot Device [CDROM]  
 Third Boot Device [HDD-0]  
 Boot Other Device [Disabled]  
 Boot Up Floppy Seek [Disabled]

**Advanced Chipset Features:**

Video BIOS Cacheable [Enabled]

**Integrated Peripherals:**

**Onboard Device:**

USB 2.0 Controller [Disabled]  
 USB Keyboard Support [Enabled]  
 USB Mouse Support [Enabled]

Init Display First

[Onboard/AGP]

**SuperIO Device:**

Serial Port2

[3E8/IRQ4]

**Power Management Setup:**

PSU Type

[ATX]

Soft off by PWR-BTTN

[Inst]

- Once these parameters have been set, press "F10"
- The application will then display "Save & Exit Setup". Select 'Y' for Yes. The console will then restart.