

## Converting a Cisco CDE250 TV CDS System to an Internet Streamer CDS System (v2.0 BIOS)

## Revised: October 2012 OL-26165-02

To convert a Cisco CDE250 TV CDS system with version 2.0 BIOS (a non-hyperthreading configurable BIOS) to an Internet Streamer CDS system, perform the following steps:



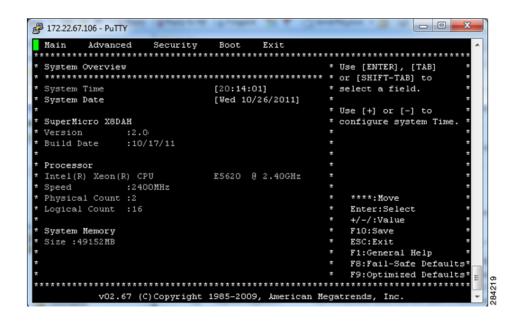
This procedure only applies if your CDE250 TV system has BIOS revision older than 2.0c. If your BIOS is revision 2.0c or later, then you only need to do Step 11.

- **Step 1** Connect a VGA monitor and keyboard to the TV CDS system.
- **Step 2** Restart the TV CDS system.
- **Step 3** When the AMIBIOS American Megatrends, Inc. screen is displayed, enter the BIOS Setup Menu by pressing **<Delete>** several times.



```
- - X
# 172.22.67.106 - PuTTY
AMIBIOS(C)2008 American Megatrends, Inc.
Supermicro X8DAH+/X8DAH+-F BIOS Date: 10/17/11 Rev: 2.0
CPU : Intel(R) Xeon(R) CPU
                                   E5620 @ 2.40GHz
 Speed: 2.40 GHz
                    Count : 2
Press DEL to run Setup (F4 on Remote Keyboard)
Press F12 if you want to boot from the network
Press F11 for BBS POPUP (F3 on Remote Keyboard)
The QPI Frequency :5.866GT
The IMC is operating with DDR3 1066 Mhz
Memory Type :RDIMM(ECC mode)
IPMI card is first powered.
System waits for its initialization....
(C) American Megatrends, Inc.
 6-3047-009999-00101111-101711-TYLSBURG-10100000-Y2KC
```

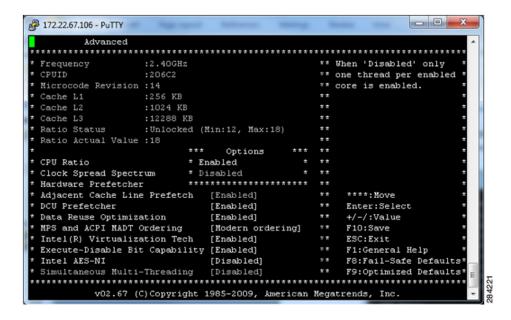
The BIOS Setup screen is displayed.



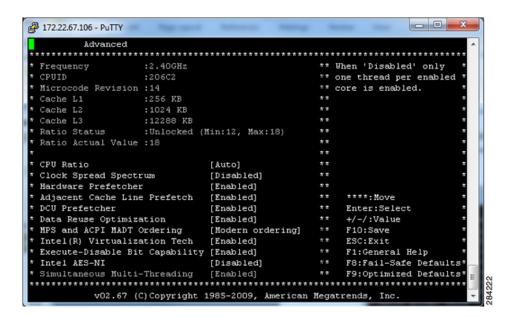
Step 4 Select the Advanced -> Processor & Clock Options menu.

```
_ D X
172.22.67.106 - PuTTY
        Advanced
***********
 Advanced - Processor & Clock Options
                                               ** Auto - Maximum Ratio
 ********** Manu - Manual Ratio
 Intel(R) Xeon(R) CPU
                            E5620 @ 2.40GHz
                  :2.40GHz
 Frequency
 CPUID
                  :206C2
                                               * *
 Microcode Revision :14
 Cache L1
                  :1024 KB
 Cache L3
                  :12288 KB
 Ratio Status
                  :Unlocked (Min:12, Max:18)
 Ratio Actual Value :18
                                                   ****: Move
 CPU Ratio
                             [Auto]
 Clock Spread Spectrum
                             [Disabled]
                                                   Enter:Select
 Hardware Prefetcher
                             [Enabled]
                                                   +/-/:Value
 Adjacent Cache Line Prefetch
                             [Enabled]
                                                   F10:Save
 DCU Prefetcher
                             [Enabled]
                                                   ESC:Exit
 Data Reuse Optimization
                             [Enabled]
                                                   F1:General Help
 MPS and ACPI MADT Ordering
                             [Modern ordering]
                                                   F8:Fail-Safe Defaults*
 Intel(R) Virtualization Tech
                                                   F9:Optimized Defaults*
                             [Enabled]
          v02.67 (C)Copyright 1985-2009, American Megatrends, Inc.
```

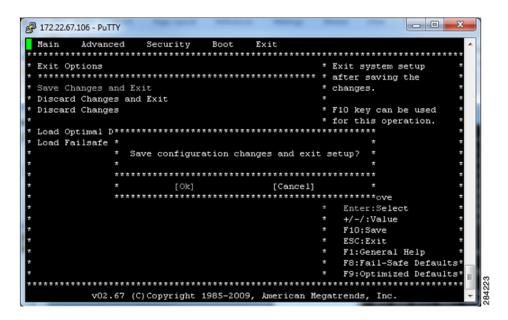
Step 5 Using the **<Down Arrow>**, navigate to the **Simultaneous Multi-Threading** option an press **<Enter>**. The following screen appears:



**Step 6** Enable Simultaneous Multi-Threading by selecting the **Enabled** option and pressing **<Enter>**. The following screen appears:



- **Step 7** Press **<Esc>** to return to the Main Menu.
- Step 8 Select Exit -> Save Changes to exit the menu.
- **Step 9** Press **<Enter>**, the following screen appears:



- **Step 10** Press **<Enter>** again to save the configuration changes and reboot.
- **Step 11** After the system reboots, perform the software installation of the Internet Streamer CDS system by booting from the 2.6.3 or later Manufacturing CD/DVD.

## **Obtaining Documentation and Submitting a Service Request**

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html

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