

Technical Bulletin: # TB-00071-00-061107**Product Affected: Intellex Ultra (running software version 4.0) with a Super Micro motherboard****Description: BIOS Update****Date of Issuance: 28 November 2006**

Purpose

This technical bulletin # TB-00071-00-061107 informs you of an issue recently discovered in Intellex Ultra units (running software version 4.0) with Super Micro motherboards.

The primary symptom:

- Newly installed DVD drives are not recognized by the Intellex unit.

Solution

To solve this problem, update the BIOS using a bootable ISO image:

1. Download the ISO image file from the American Dynamics website:
http://www.americandynamics.net/support/downloads_20061117_Intellex_Ultra_4.0_Bios_Update.aspx
2. Use the DVD/CD burning software on your PC to create a bootable CD using the downloaded ISO image file.

NOTE: Please refer to the instructions provided by your DVD/CD burning software on how to burn a bootable ISO image to CD.

3. Insert the CD into the Intellex Ultra unit and restart the unit.
4. Hold down the Delete key to get into the system BIOS.
5. Enter the BIOS password: xellet.
6. Change the boot order to boot from CDROM first:
 - a. Move to the Boot menu.
 - b. Select First Boot Device and press Enter.
 - c. From the list select CDROM and press Enter.
7. Press F10 and then Y (Yes) to save the changes and exit the BIOS settings. Intellex will re-boot.
8. The unit will now boot from CD and automatically install the BIOS update.

WARNING: Do not interrupt the BIOS update in any way.

9. Once the installation has finished, remove the CD and restart the unit.
10. Hold down the Delete key to get into the system BIOS.
11. Disable the Floppy Disk Drive:
 - a. Select Legacy Diskette A and press Enter.
NOTE: This stops the Intellex unit looking for the Floppy Disk Drive on boot-up.
 - b. From the list select None and press Enter.
12. Disable all but disk and keyboard:
 - a. Select HALT ON and press Enter.
 - b. From the list select All, But Disk/Key and press Enter.
13. Move to the Advanced menu. BIOS features will be highlighted. Press Enter.
14. Disable Quiet Boot:
 - a. Select Quiet Boot and press Enter.
 - b. From the list select Disabled and press Enter.
15. Activate Power on after fail:
 - a. Select PWRON After PWR-Fail and press Enter.
 - b. From the list select On and press Enter.
 - c. Press Esc to return to the Advanced menu.
16. Configure I/O Device Configuration:
 - a. Select I/O Device Configuration and press Enter.
 - b. Select Onboard Serial Port 1 and press Enter.
 - c. From the list select 2F8/IRQ3 and press Enter.
 - d. Select Onboard Serial Port 2 and press Enter.
 - e. From the list select 3F8/IRQ4 and press Enter.
 - f. Press Esc to return to the Advanced menu.
17. Configure Fan Speed Control:
 - a. Select Hardware Monitor and press Enter.

- b. Select Fan Speed Control and press Enter.
 - c. From the list select 3-pin(Server) and press Enter.
 - d. Press Esc to return to the Advanced menu.
18. Set Supervisor Password:
- a. Move to the Security Menu.
 - b. Select Set Supervisor Password and press Enter.
 - c. Enter password, type xellet and press Enter.
 - d. Confirm password, type xellet and press Enter.
19. Configure the boot order:
- a. Move to the Boot menu.
 - b. Select First Boot Device and press Enter.
 - c. From the list select Hard Drive and press Enter.
 - d. Select the Second Boot Device and press Enter.
 - e. From the list select CDROM and press Enter.
 - f. Select Third Boot Device and press Enter.
 - g. From the list select Disabled and press Enter.
 - h. Select Other Device and press Enter.
 - i. From the list select Disabled and press Enter.
20. Press F10 and then Y (Yes) to save the changes and exit the BIOS settings.
21. Intellex will restart normally.

Continuous Improvement Statement

As with all processes defined by the American Dynamics Technical Services Group, this document is intended to be a work in progress. Further refinements and suggestions are welcome and should be sent in writing to the owner/author of this document as listed below.

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