



## Introduction:

The 886LCD/ATXU boards with Sales Part-number / Board Part-number :  
710020-2791-R12 / 56600001, 886LCD/ATXU P-4 with 3xPCI  
710020-2791-R13 / 56600002, 886LCD/ATXU P-4 with 3xPCI  
have been changed as listed below.

Production of the above Part-numbers will be discontinued.

The board Part-number will be updated as follows:  
56600003, 886LCD/ATXU

The Sales order numbers will be updated as follows:  
710020-2791-R14, 886LCD/ATXU P-4 with 3xPCI

## Board Design Update:

**For the Intel® 82845G/82845GL and Intel® 82801DB I/O Controller Hub 4 (ICH4)**  
internal devices:

- Memory controller
- Graphics controller
- USB controllers
- PCI Bridge
- IDE controller
- SMBus controller
- AC '97 Audio controller

the Revision field (PCI configuration Space, offset 08h) will be changed for the updated board from "x1h" to "x2h" or "x3h". This is due to the use of a later revision of the onboard chipset.

This change will not cause issues with standard O/S installations as the O/S drivers will be the same. But for specific harddisk images or specific O/S installations, the Revision field update may cause a requirement of updating the O/S image.

**BIOS** version loaded on board is updated to version 2.06T. Previous BIOS revision may still be used with the updated board.



## Special Concerns:

### Harddisk image / Drivers

Due to Revision number change for the Chipset devices, it is recommended that any production harddisk image is checked prior to use of the updated boards.

For standard Windows installations, the updated revision info on a -R14 board will cause the O/S drivers to automatically re-install on a harddisk image from a -R12 and -R13 board. After the driver update + reboot the updated O/S installation harddisk can be used for all revisions: -R12, -R13 and -R14.

If a new installation is made on a -R14 board and the image from this is used on a -R12 or -R13 board it will also reinstall all drivers again. After the driver update + reboot the updated O/S installation can be used for all revisions: -R12, -R13 and -R14.

### EMC / EMI

No changes.

### Mechanical

No mechanical changes to Connectors or positioning of these or of Mounting holes will be present.

### Implementation timing:

Samples will be available start of December, 2004.

Updated boards will be shipped in volume in December, 2004.