

PN Number 131 Revision 1

## ANTARES V111 BOARD BOM and BIOS UPDATE

<b>Issue Date:</b>	19 SEP 2012	<b>Circulation:</b>	General
<b>Board Version:</b>	1	<b>Board Issue:</b>	1
<b>ECO Reference:</b>	3786	<b>MODBOX:</b>	See product list

### Notice:

#### Summary

This product notice is to highlight the following ANTARES V111 modifications:

- The ANTARES V111 board has been updated to replace two 220uF/16V tantalum capacitors with 150uF/20V tantalum capacitors. This is to provide additional voltage margin to avoid potential damage to these capacitors when 12V power is applied.
- ANTARES BIOS has been updated to v17:
  - RAID option ROM has been updated to v. 11.1.0.1006.
  - ME firmware has been updated to v. 6.2.20.1035.
  - HDMI internal audio codec is enabled by default.
  - CPU turbo mode is disabled by default.
  - PCIe slot status (1x4 or 2x2) is displayed in the Platform Information menu.
  - Update to correct PXE boot disable issue.
  - Update to correct an issue with the LFP display configuration menu functionality.

#### User Implications

As the Intel HDMI internal audio codec is enabled by default the OS may require a driver to be installed for a new device detected "Intel Display Audio Device". Please contact Eurotech technical support for advice on this update.

#### Change Details and Other Information

Customers with unmodified boards experiencing problems with tantalum capacitors C515 and C552, or wishing to update the BIOS, should contact Eurotech technical support for advice.

#### Product list

	Product #	Post PN131 Mod Status
6580-00811-002-101	ANTARES SBC V111 2.53GHz	D
6580-00811-003-101	ANTARES SBC V111 1.06GHz	D
6580-00811-004-101	ANTARES SBC V111 1.86GHz	D
6580-00811-005-101	ANTARES SBC V111 2.40GHz	D
6580-00811-006-101	ANTARES SBC V111 2.13GHz	D
6580-00811-007-101	ANTARES SBC V111 2.00GHz	D

We sincerely apologise for any inconvenience this may cause you and your end users. If you have any questions about this please contact Eurotech Technical Support.