

TECHNICAL NOTE

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DiGiCo (UK) Ltd.

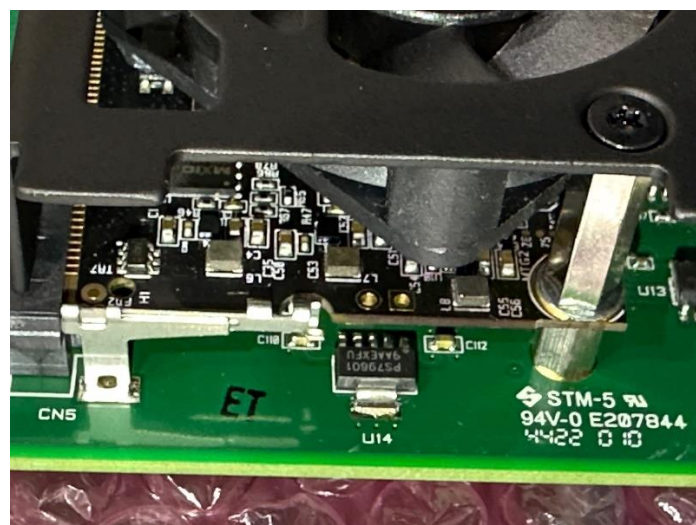
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DMI-Dante64@96 with IP Zynq HC



The Dante Summit HC solution previously used in the DMI-Dante64@96 card was discontinued because multiple parts became unavailable.

From March 2023 onwards the DMI Dante 64@96 cards now have the new IP Zynq HC solution as their Dante module. The module PCB has been made from a black material, so it is visually identifiable when assembled.



Upon release the Dante firmware for the new module was 4.2.4.5 (4.2.4 DiGiCo Build).

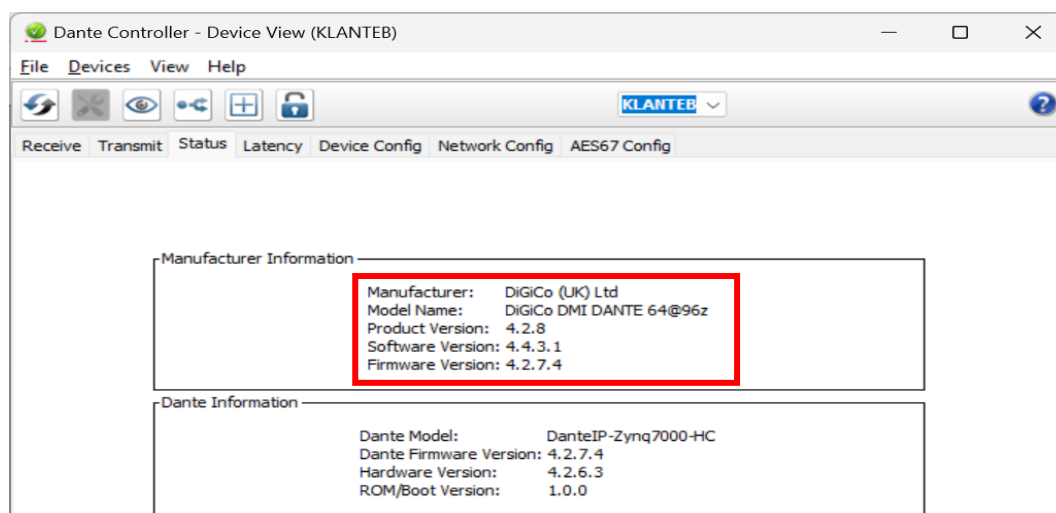
There is now an update available to Version 4.2.8.

This requires a firmware file named **DiGiCo DMI Dante 64@96z 4.2.8.upd** which will be available for download from the Support section of the DiGiCo website.

This provides an update to the Audinate firmware and reinstates the control port filtering which was not active in the previous version.

All versions are currently compatible with each other. This is not guaranteed in the future.

The DMI card and its Firmware will have a new identity suffixed with a “z” in Dante controller as shown in the picture below.



The DMI Base card (the DiGiCo side) requires firmware version V105 & FPGA 27/02/23 to work.

NOTE – The file date for the above mentioned FPGA firmware is 28/02/23 rather than 27/02/23 which is the displayed date. This firmware can be updated in the standard way with a DMI capable console or an Orange Box.

All cards shipped from the factory will be as such and have a sticker on the PCB with the installed firmware version.



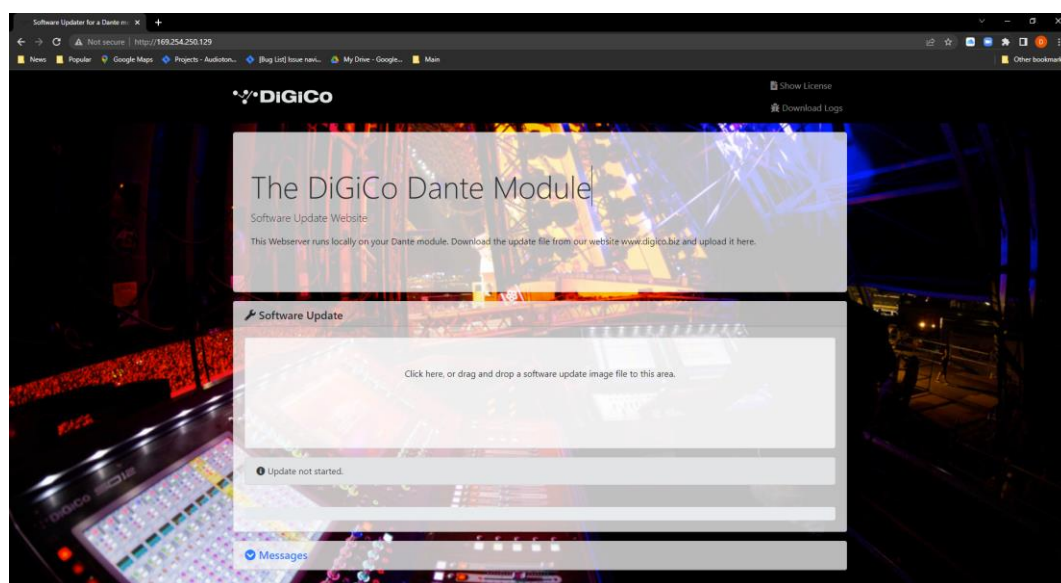
The new DMI Dante 64@96z will work in all Quantum consoles, the SD12, S Series, Orange Box and KLANG Konductor.

The card will also work in a 4REA4 system with the latest application V1.52 and above.

Firmware for these cards will not be available via the Dante Controller Firmware update system. This is a decision by Audinate. Instead, a web interface is used to update these cards and the procedure is described below.

DMI-Dante64@96 (with Zynq module) update procedure

1. Connect your computer to the Dante Network and ensure the computer's IP and Subnet are in the same range as the Dante devices.
2. Look in Dante Controller and locate the IP address of the DMI card.
3. Place the Firmware update file in a known location on your computer.
4. Open a Web Browser and type the IP address of the DMI card's Dante module into the browser. In the example below, the IP address of the DMI Card is 169.254.250.129
5. This should open the page below in your browser.



6. Clicking in the update space will open a file browser so you can select the Update File or drag the firmware file from its location and drop it into the box in the web browser page.
7. The firmware update should begin automatically.
8. Please note there is no update complete notice. Once the screen reverts to the view above, the process is complete.
If the screen does not revert to the view above but just continues to display a "Restarting" message, please wait for 5 minutes and close the application. The update is likely to have completed successfully anyway.
9. The process will need to be repeated for each of these devices on the Dante network.