

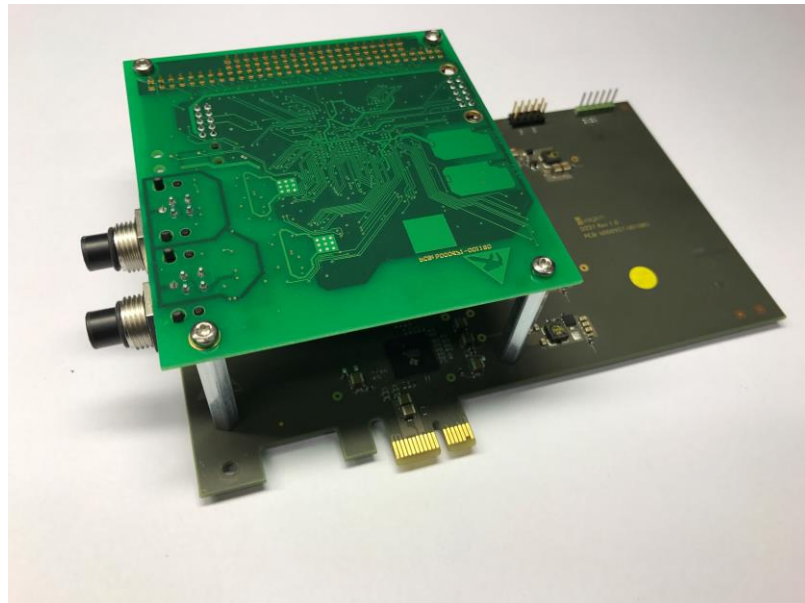


D221

Assembly Instruction

Instruction

This document shows how to modify the duagon development board D221 to correctly mount duagon Ethernet products like the D134E or D153E.



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Table of content

1. Assembly instruction	4
2. Document History	6

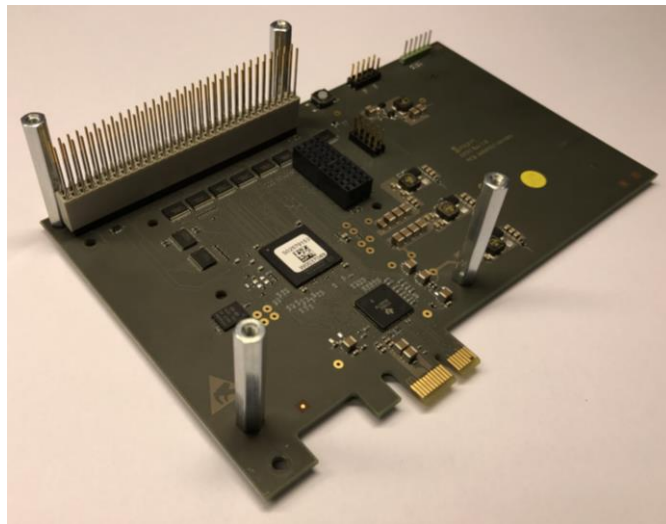
1. Assembly instruction

By default, the D221 is assembled to be used with duagon MVB products. This document shows how to modify the board for the use with duagon ETH products.

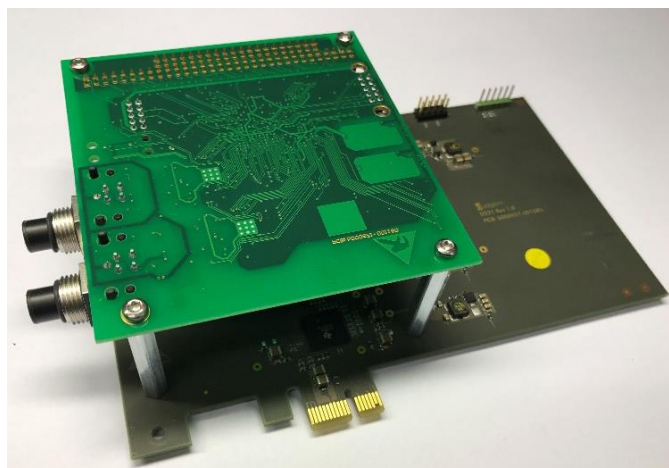
The following parts are needed:

- 1 x PCI slot steel sheet D221 for two slots
- 1 x PC104-64, socket 2x32, connector
- 4 x Bolt M3 35mm SW6
- 8 x Screw, M3x6, Torx

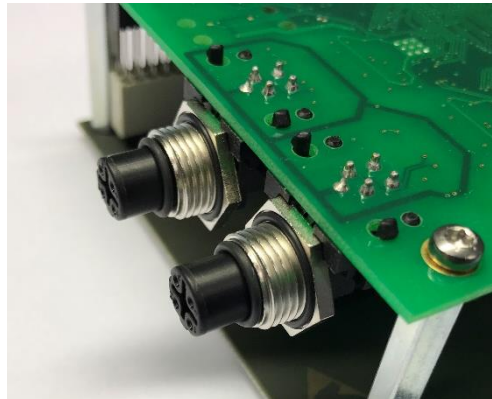
- 1) The first step is to remove the PCI slot bezel. Keep the two M3x4 screws for the mounting of the new bezel.
- 2) After removing the bezel, mount the four bolts with four M3x6 screws. Additionally, put the PC104-64 connector on top of the same connector already mounted on the board. The following picture shows this second step:



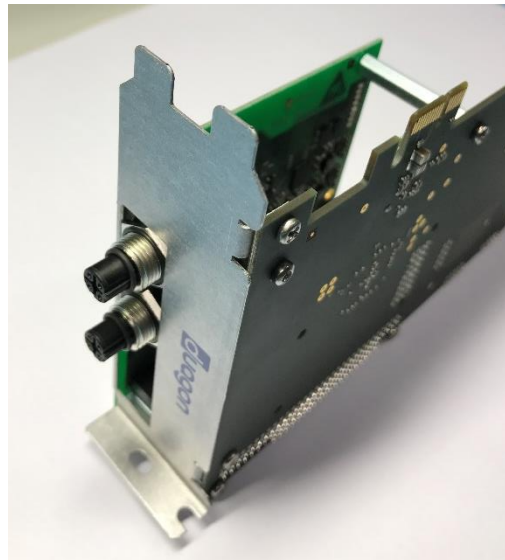
- 3) Now the duagon ETH product can be mounted with screws (four M3x6 screws) in the same way:



- 4) Next the double height PCI slot bezel can be mounted by reusing the M3x4 screws. To do so, the M12 connector's fixation cover must be removed:



- 5) Put the cut-out over the M12 connector and screw the bezel in place with the M3x4 screws from the bottom of the D221.



The two boards are now ready to be mounted into a computer.



After the insertion of the two boards, the M12 fixation cover can be used for a more stable connection inside the computer.

2. Document History

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- Initial version