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Beer & Pizza party! Today, Thursday 07-12-2017

Holiday season closing dates

The holiday season has started and because there are different traditions all over the world we would like to inform you when RepRapWorld is closed and what impact this will have on shipping your order. You can find the days below when RepRapWorld will be closed.

Pro Tip! Use Fedex shipping for speedy delivery on orders. You will see the delivery date mentioned when selecting this option.

Friday

22-12-2017

Open

Orders placed with Standard shipping after 10:00 are shipped

27-12-2017

Monday	25-12-2017	Closed
Tuesday	26-12-2017	Closed
Wednesday	27-12-2017	Open
Thursday	28-12-2017	Open
Friday	29-12-2017	Open

Christmas
Christmas

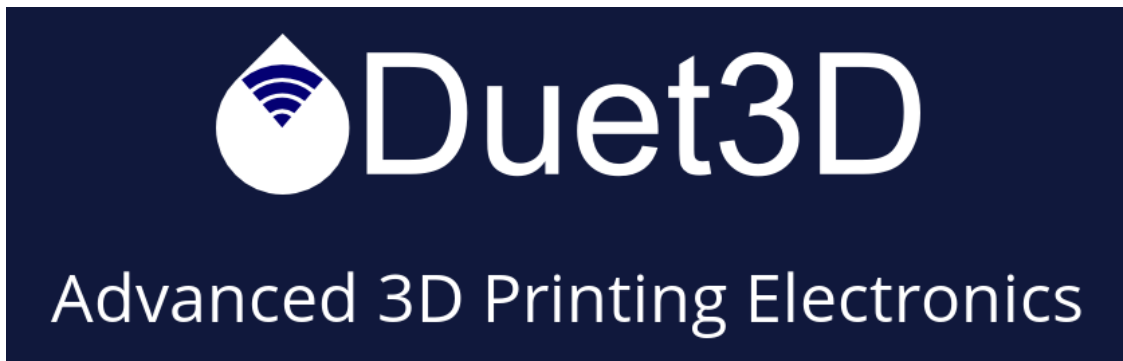
Orders placed with Standard shipping after 10:00 are shipped
03-01-2018

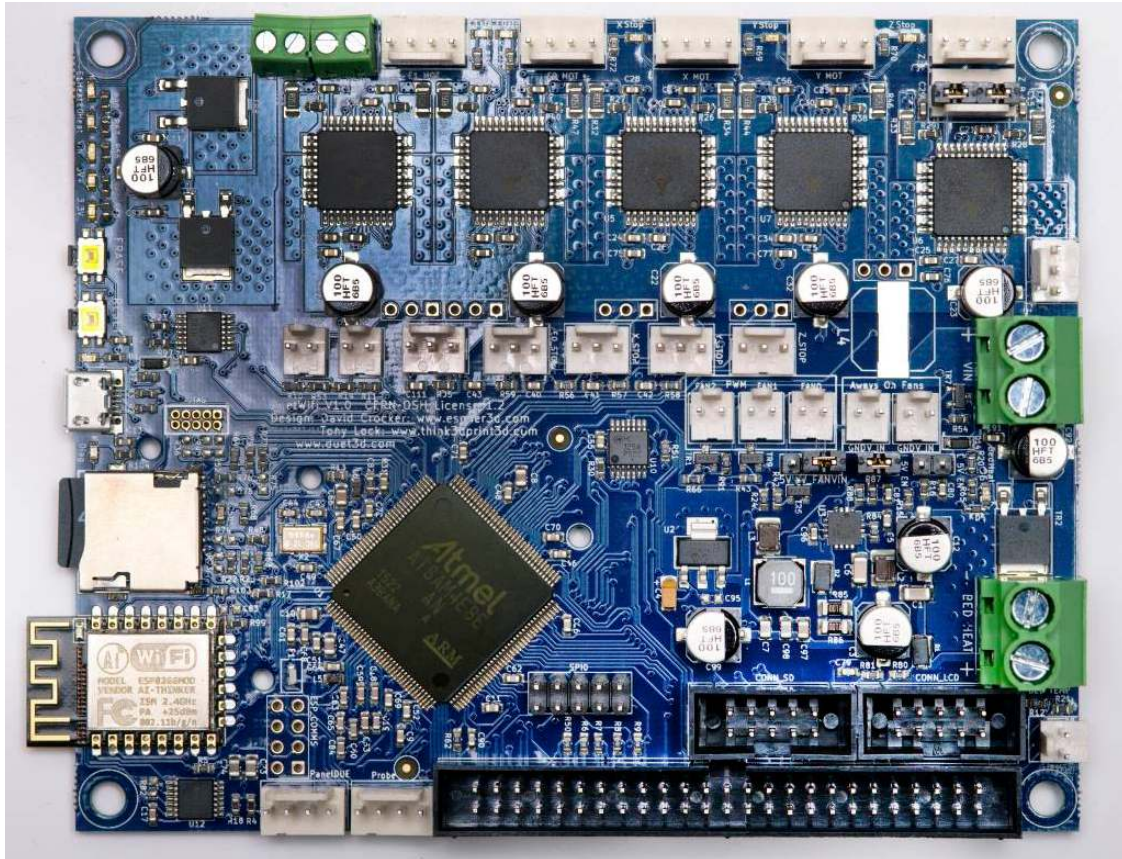
Monday	01-01-2018	Closed
Tuesday	02-01-2018	Closed
Wednesday	03-01-2018	Open

New Year

Duet3D

New in stock at RepRapWorld are the products from Duet3D.





We first experienced the DuetWifi when testing the board on the large Delta printer. By accident we met the family business as they were present at the TCT show in Birmingham allowing us to make some introductions.

The Duet3D products are all opensource and running on RepRap Firmware. Unlike the Megatronics and Ultratronics these boards do not allow you to customize with a choice of steppers. But the main features should appeal to a lot of users.

Main features include:

- 32-bit SAM4E8E microcontroller
- TMC2660 stepper drivers (5x)
- Wifi or network connection
- RepRap Firmware
- Opensource!

See here our newest products, including the Duet3D boards!

 **REPRAPWORLD**

Formnext show report

We were present on Formnext 2017, which was a huge show. We were present on the 2nd floor of the massive Hall 3 in Frankfurt. There were 407 exhibitors stands and over 21.000 registered visitors. So a lot more traffic to the booth than during the TCT.



The booth itself was just a bit smaller than the TCT one. Luckily we were on the window side of the hall, so we could see that it was daytime. At the center of attention was the D-Rex. On one corner we displayed our electronics, filament and other consumables. And on the other corner we had our Opensource Beagles on display with plenty of attention to our free T-shirt promotion.

For us these exhibitions are about showing the brand RepRapWorld. To let end-users know about our webshop and the quality of the items we sell to build and/or upgrade your 3D Printer.

Next to that we always try to promote Real Filament which is a high quality filament produced in the Netherlands. During the show we used Real Flex to print on cotton T-shirts. Because you only need a nozzle temperature of 210 degrees and no heated bed it is the perfect material to do this kind of trick.

Formnext's target audience is more professional. Where on TCT we did not see a lot of injection molding companies at Formnext there were plenty. Together with all the other big boys they covered Hall 3.0 at the messe in Frankfurt.



And with bigboys we mean the printers. Mainly SLM and SLS, not only do they cost the same as a house, some were also the size of a house. Very impressive machines compared to a desktop RepRap 3D Printer.

The main topic when talking about FDM printing was PEEK. We have the feeling the visitors caught on to this new material and we got this question often. After talking with some of our competitors and customers at the show we think PEEK is a great material but very difficult to print. It needs very high temperatures which forces you to design your 3D Printer in a certain way. We personally have not tried PEEK yet and will be testing it in the future. But as it stand we do not even have a machine suitable for the tests as we will need all metal hot-ends, etc.

We had a great time at Formnext and I can recommend the show to any 3D Printing enthusiast. There might be a lot of professional equipment on the show which is great for viewing. But also for the home user building a 3D Printer there was plenty to see with filaments, mechanical motion, etc.



formnext • Volgen

formnext Warm greetings from Miriam ❤️ this time from Stuttgart. She has done a fantastic job yesterday covering #formnext. Thank you for your support and a big thank you to @reapworld for the shirt. #jobdone #takeover #3dprintedshirt #luckygirl

reapworld You are very welcome!!! Until next time and thank you for the post! Groetjes uit Nederland :)



28 vind-ik-leuks

6 DAGEN GELEDEN

Een reactie toevoegen...



Because a lot of people have asked us how to do this, here is a brief description.

It all starts with the design. You have to create a 3D model with the text, you can do this easily using a site like <http://svg2stl.com/> for example. We were using a 0.2mm layer height with a .6mm Z-offset, but it depends on the thickness of the fabric. You want to make sure the print is really melted into the fabric, if you can remove it by hand, you are printing too high. We used a 0.8mm nozzle and printed a 0.8mm thick shell for the model. Make sure your slicer only slices the first layer.

Make sure you center the T-shirt correctly onto the build plate and overstretch it a bit using clamps on the side.

Happy printing!

**Did you print something for one of our products?
Let us know and we will put it in our next
newsletter**

RepRapWorld's Meet the maker wanted!

If you would like to participate in the Meet the maker section. Please use the button below to contact us. And share your story with thousands of like-minded-makers!

We will supply a free spool or RepRapFilament for any story suitable for the newsletter!



Want to pitch your project for the 'Meet the maker' section. Please click here!

Real Filament update Real Flex black, white, red and blue!



Real Filament got a lot of attention during the Formnext show when used to print on T-Shirts.

Real Flex is a PLA based material where a additive softens the PLA. The result is a semi-flexible material. We usually compare it to the soft grip on a screwdriver.

Because this is a PLA based materials there are some huge benefits. Compared to TPU based materials you do not need as much heat. Nozzle temperature at ~210 and no heated bed. Another huge bonus for Real Filament is that it can used in a bowden system as it is semi flexible.

Go directly to all Real Filament products in PLA,



0.5kg

RealFlex is a semi-flexible PLA based material with some unique properties and exclusively available from Real filaments. By being a biodegradable filament, RealFlex is environmentally better than PET-G or ABS filaments and the base material comes from renewable sources.

Available in colors black, white, red and blue.

RealFlex is a semi-flexible material, but not very elastic. So the material can be used in a bowden setup as retraction is still a option. So we advise to slow down the printing speed some. But RealFlex is a option on any machine capable of printing PLA.

Available in 1,75mm and in spool size 0.5 and 1.0Kg.

ORDER NOW!

ORDER NOW!



New in our fusion line! Surf!

This color gradient filament is produced with alternating colors in a ocean surf theme. Alternating between green, blue and white you can print some amazing colored items.



New in our fusion line! Christmas!

This color gradient filament is produced with alternating colors in a Christmas theme! Alternating between green, red, gold and white you can print some pretty amazing colored Christmas items.

Now offered with 25% discount!

ORDER NOW!

ORDER NOW!



The REAL Fusion line consists of high quality spools of gradient colored filament. We have managed to automate the color powder addition to the extrusion process, resulting in a very stable color transition between different colors. This enables you to do more with filament and can be used to highlight aspects of your print, giving it a more appealing look without any additional effort. You can control the color flow by starting at a certain color, and reducing or increasing the infill.

Thingiverse updates

Thingiverse

On Thingiverse you can find a lot of cool stuff to print. From Spinners to Pokemon. You can also find handy stuff to cover up electronics.

Maker [Wired1](#)

I think most people can relate to breaking the protective cover on their powersupply. With this cover you can again protect yourself against a shocking experience.

Find the Therminal cover [here](#).



Exhibitions

Update; RepRapWorld will be attending Paperworld in January 2018. At this show we will be mostly promoting the consumables. We are the official distributor of Real Filament and we will be showing the filament and other consumables. Ofcourse we will be printing T-Shirts and showing off the big delta printer. So if you want a free T-shirt, join us at Paperworld.

More information on the next edition of the newsletter.

Hall 6.0 A64

We will be sharing the booth with one of our Chinese partners. We find it a great opportunity to promote Real Filament and the RepRapWorld in the office supplies world. The next step in making 3D Printing mainstream.

paperworld
Internationale Frankfurter Messe

See here our newest products, including Duet3D!



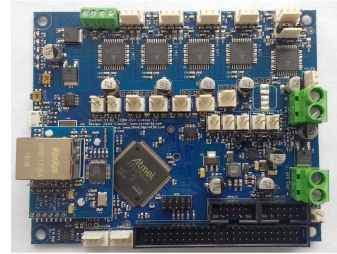
**DuetWifi
Controller board**
Internet via wifi
€135.00

Order Now!



PanelDue
Incl 5"screen
Touch screen
€85.00

Order Now!

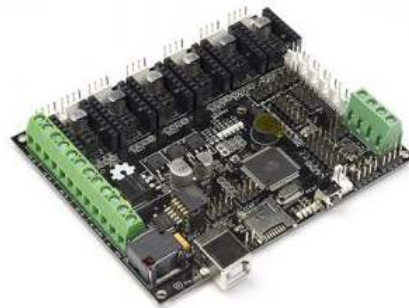


**Duet3D
Controller board**
Internet via Ethernet
€146.50

Order Now!



10x Real Filament PLA -10%



Order your Megatronics now!

Do you want to see more or different information? Any feedback? Please drop us an email and click here!



** All prices are excluding VAT and subject to change*

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