

# Do I Yourself GAMERBOARD A3

<http://www.gamerboard.at>

## Shopping List

It is possible that you can find some components at a lower price.

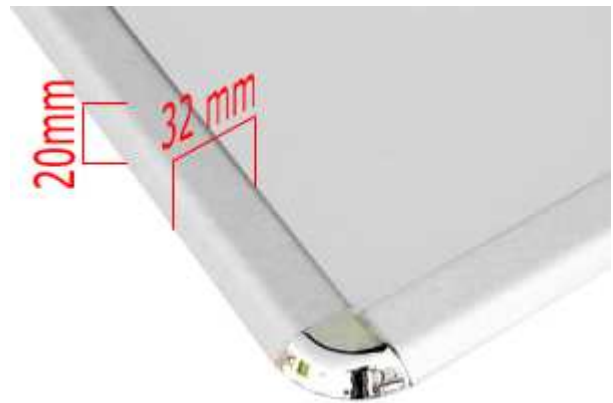
Component	Price app.	Shipping Costs app.
Holding frame A3, 32 mm, synthetic back	13,00	4,50
Ferrous sheet	12,00	4,50
or		
Holding frame A3, 32 mm, iron back	16,00	4,50
Whiteboard sheet ) <sup>1</sup>	9,00	4,50
Grid sheet ) <sup>1</sup>	8,00	4,50
Felt	2,00	0,00
Magnet set, 13 colors ) <sup>1</sup>	5,00	4,50
	40,00	18,00
<b>TOTAL 36,00 to 58,00</b>		

)<sup>1</sup> Optional component

## Detail Information for Components

### Holding Frame

It is essential that the frame is 32 mm wide and about 20 mm high. Smaller frames have turned out to be not robust enough. The frame may have a metal or synthetic back.



### Advantage of Do-It-Yourself

- You can chose whatever color you like.

### Disadvantage of Do-It-Yourself

- The time you need to get this thing.

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## Whiteboard-Back

When the holding frame has a synthetic back you need a whiteboard-covered ferrous sheet to make the magnets stick. Please note: Not all white ferrous sheet have a whiteboard-cover. If you get the wrong sheet drawing will not be erasable. If the sheet is not self-adhesive you need double-sided tape. If the back is made of iron you only need a self-adhesive whiteboard-cover.



### Advantage of Do-It-Yourself

- You can choose a colored whiteboard-cover if you like.

### Disadvantage of Do-It-Yourself

- It is not easy to apply the sheet bubble-free.
- The time you need to get this thing.



The back does not have to be whiteboard-covered. A white back in combination with the transparent cover sheet also make a whiteboard.

## Grid Sheets

The grid-sheet for an A3 board is a transparent laser-printer sheet. This sheet should not be coated in any way because coatings for plotter printers usually are not waterproof. Templates for the grid you can find on the internet or you make them yourself with some graphical software.



### Advantage of Do-It-Yourself

- You can create your own individual grids.

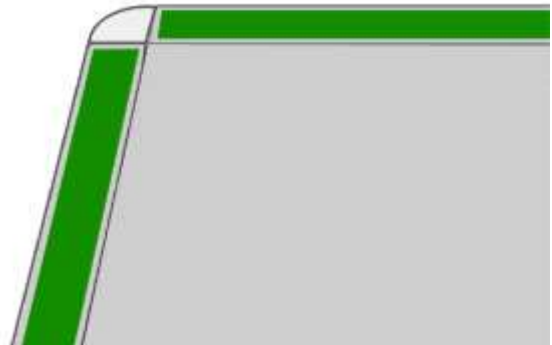
### Disadvantage of Do-It-Yourself

- Most retailers do not know if their sheets have a coating or not..

- You need an A3 print. Not everybody has one.
- You get the sheets only in larger quantities.
- It is not easy to get the dimension of the grid right.
- The time you need to get this thing.

## Felt

The holding frame usually is made of aluminium. So the bottom side must be taped with self-adhesive felt. An aluminium frame can easily scratch soft surfaces and will make abrasion marks on hard surfaces. The felt should be as thin as possible, otherwise the board will sag in the middle.



### Advantage of Do-It-Yourself

- You can choose the color of the felt.

### Disadvantage of Do-It-Yourself

- Not every paper store in your vicinity has self-adhesive felt. Probably you have to order it via internet. This may get a little expensive.
- Felt with a size over 40 cm is hard to get.
- The time you need to get this thing.

## Magnetic Buttons or Pawns

The magnetic buttons have to be strong to stick on the board and on the other side they must not attract or push each other apart when standing close to each other on the board.

For example it turned out to be best if magnets with a diameter of 5 mm keep a distance of at least 10 mm. So the button or magnetic pawns have to be constructed correspondingly. Otherwise you cannot place the buttons or pawns close to each other on the board. It took us very long to get adequate buttons.

Ideal: 10 mm  
Minimum: 6 mm



### Advantage of Do-It-Yourself

- You can choose the color and shape you like.

### Disadvantage of Do-It-Yourself

- It can take some bad buys to find fitting magnetic buttons.
- The time you need to get this thing.



### Construction Manual

- Sometimes you have to file off the frame at the corners to stop the frame-parts from dragging on the synthetic corners.
- Cut to size the whiteboard- and the ferreous sheets. Take care that there are no bubbles enclosed. For non-self-adhesive sheets use double-sided tape.
- Cut the felt to size and glue it to the back of the frame.
- Mark the upper side of the transparent sheets. If you write on the printed side will damage is sooner or later.