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Dear MNT Customer,

Thank you for purchasing the MNT VA2000 Graphics Card for Amiga computers. Without your support and patience, making this product would not have been possible.

Contents

In this package you will find version 1 of the card and an aluminum Zorro slot bracket for mounting a digital video cable (sold separately).

Warranty

MNT covers the warranty to the extent required by law for the unmodified product. The VA2000 is based on a reconfigurable Xilinx Spartan-6 LX25 FPGA that can be updated by the user and reprogrammed at any time to allow for new functionality. Warranty does not cover user supplied firmware or any modifications made to the card, nor does it cover any damage by inserting it into a computer or other user supplied device. Use at your own risk!

Declaration of Conformity

MNT hereby assures that the included product (MNT VA2000) complies with the essential requirements of the following applicable European Directives, and carries the CE marking accordingly:

EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/EU, RoHS Directive 2011/65/EU.

It conforms with all required product standards, including:

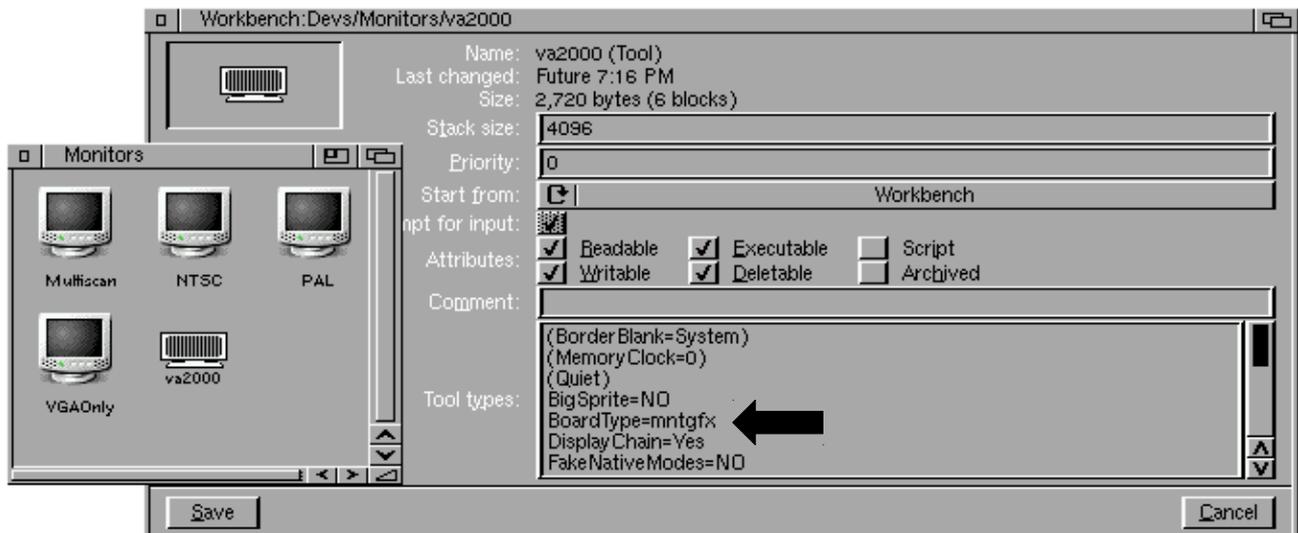
DIN EN 55022:2011-12 (CISPR 22:2008, modified)
DIN EN 55024:2016-05 (CISPR 24:2010 + Cor.:2011 + A1:2015)
DIN EN 61000-6-1:2007
DIN EN 61000-6-3:2007/A1:2011/AC:2012
DIN EN 61000-3-2:2014
DIN EN 61000-3-3:2013

Signed: Lukas F. Hartmann, Managing Director, MNT Media and Technology UG (haftungsbeschränkt). Berlin, 2016-12-17



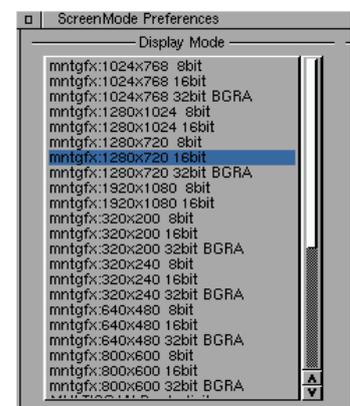
MNT VA2000 RTG Quickstart

1. Download RTG (ReTargetable Graphics) and SD Card drivers and read updated information at: <http://mntmn.com/va2000>
2. Insert the card into any of the Zorro slots of your Amiga 2000/3000/4000. **IMPORTANT:** Make sure the digital video port **faces the back** of your computer. Inserting the card with a wrong orientation can **damage or destroy it** and your computer.
3. Install the RTG system Picasso 96. You can find it at: <http://aminet.net/package/driver/video/Picasso96>
4. When installing Picasso 96, select only the **uaegfx** card. It is not compatible with VA2000, but you need to select at least one card to finish installation.
5. Copy **mntgfx.card** from the VA2000 driver package to Libs:Picasso96
6. Copy **Picasso96Settings** from the VA2000 driver package to Devs:
7. Go to Devs:Monitors and click on the Monitor icon called *Picasso96* or *uaegfx*. Open the Workbench menu and select *Information* from *Icons*.
8. Find the Tool Type called BoardType=uaegfx and change it to **BoardType=mntgfx**. Save and Reboot.



11. Open Prefs:Screenmode. VA2000 screenmodes prefixed with **mntgfx:** should be listed. It is recommended to use the *Test* button to check if your Monitor supports the mode before using it.

12. **Enjoy!**





MNT VA2000 SD Card Setup (BETA!)

VA2000 has an on-board **microSDHD** compatible card slot. Using the driver `mntsd.device` from the driver package, you can mount and format microSDHD cards from AmigaOS.

Please note that the microSDHD feature is currently in beta testing. Do not store important data on the card because it might get corrupted.

1. Copy `mntsd.device` to Devs:
2. Open `Devs:Mountlist` with a text editor and create a device entry:

SD0:

```
Device = mntsd.device
Unit = 0
Flags = 1
Surfaces = 1
BlocksPerTrack = 1024
Reserved = 2
Interleave = 0
LowCyl = 2
HighCyl = 1024
Buffers = 32
GlobVec = -1
BufMemType = 1
Mask = 0xFFFFFFFF
MaxTransfer = 0x7FFFFFFF
FileSystem = L:pfs3
StackSize = 8192
Mount = 1
```

← Adjust to the number of Gigabytes you want to use on the card

← Change to your filesystem of choice

← Don't forget the closing hash mark

3. Open a Shell and enter: **Mount SD0:**

4. Format the SD0: partition with a tool of your choice, e.g. `Format` or `pfsformat`.