

MEMO_MINUTES

Paderborn, 22/07/2013

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Hardware Specifications 2013.07

The following recommendation lists MA tested minimum required hardware components and setup solutions.

For sure there are components and setups which work even better but the listed solutions work for sure.

MA VPU (for Software-Version)

IBM compatible PC:

Dual Core Processor with 2.4 GHz CPU (recommended: Intel i7)

>= 2 GB RAM (recommended: 6 GB RAM)

Hard-drive >= 32 GB (recommended type: SSD)

Network card 100/1000 T/TX

USB 2.0 & USB 3.0

High-speed 3D graphics card with hardware acceleration, 1024MB graphic-RAM,

Resolution >= 1024x768 (recommended: 1920x1080)

If still available the GTX 200-Series is working nicely. (Recommended graphic adapter: AMD Radeon 7870 or better)

Operating systems:

Microsoft Windows XP with Servicepack 3

Microsoft Windows Vista with Servicepack 2

Microsoft Windows 7 (recommended: Premium or better)

Microsoft Windows 8

! all with Admin-rights !

Microsoft DirectX – Version >= 9c

Mainconcept decoder package mpeg2 – Version 8.2

In terms of Software please also refer to all other documentations on our webpage:
www.malighting.com

grandMA 3D

IBM compatible PC:

Dual Core Processor with 2.4 GHz CPU (SSE2)

>= 2 GB RAM (recommended: 4 GB RAM)

Hard-drive >= 32 GB (recommended type: SSD)

Network card 100/1000 T/TX

USB 2.0 & USB 3.0

3D graphics card with hardware acceleration, 512MB graphic RAM and

Vertex Shader Version >= 3.0

Pixel Shader Version >= 3.0

Resolution >= 1024x768

Highly recommended: AMD Radeon 5870 / 6970 or better

Operating systems:

Microsoft Windows XP with Servicepack 3 or

Microsoft Windows Vista with Servicepack 2 or

Microsoft Windows 7 (recommended: Premium or better)

Microsoft Windows 8

! all with Admin-rights !

Microsoft DirectX – Version >= 9c

Tested Laptop-version: Apple Macbook PRO 15" or 17" with Microsoft Windows 7 via Bootcamp
Version 3.2!

grandMA2 onPC

IBM compatible PC:

Dual Core Processor with 2.4 GHz CPU (SSE2)

>= 1 GB RAM (recommended at least 2 GB RAM)

Hard-drive with minimum 32 GB (recommended type: SSD)

Network card 100/1000 T/TX

USB 2.0 & USB 3.0

Any graphics card with hardware acceleration >= 256MB graphic-RAM,

Resolution >= 1280x800 (recommended: 1920x1080)

Highly recommended: NVIDIA 9800 GTX or NVIDIA Geforce GTX285 or AMD Radeon 5870 / 6970 or better

Operating systems:

Microsoft Windows XP with Servicepack 3 or

Microsoft Windows Vista with Servicepack 2 or

Microsoft Windows 7 (recommended: Premium or better)

Microsoft Windows 8

! all with Admin-rights !

Microsoft DirectX – Version >= 9c

Tested Laptop-version: Apple Macbook PRO 15" or 17" with Microsoft Windows 7 via Bootcamp 3.2 or Parallels

Important: Please do not use any shared memory for graphic cards.

grandMA onPC series 1 works also on lower hardware specifications!

Tips for notebook user...

...there is no need to use a Macbook Pro – this is just an example we tested! There is a mobile graphic card NVIDIA Geforce 9600M GT used that performs well. Any other manufacturer might offer similar performance with different graphic cards.

New Graphic cards in general...

...are available roughly every 3 month. As the development of graphic cards is that fast it is difficult to always update and test the latest hardware.