

## VR-Design Studio - System Requirements

### For data creation

Recommended System Requirements	
OS:	Windows 7 / 8.1 / 10 (64 bit)
CPU:	Intel Core i7 with 4 or more cores, 3.2GHz or greater
Memory:	8GB RAM or greater
Hard Drive:	SSD Drive. At least 60GB of free space. (you need at least this much 30GB of free space to install VR-Design Studio including sample data and landform data), and enough space to save additional data such as landscape model, models/textures downloaded from our Road Database, and recorded AVI files.
Graphics Card:	NVIDIA GeForce 950 Series GTX or greater, 4GB or greater Please refer to below table for graphic cards info.
Display:	1920x1080 or greater. In terms of screen design and font size, only the default settings with Windows default aero theme activated.
Optical Drive:	DVD Drive
Sound Card:	Any

### For driving simulation

Recommended System Requirements	
OS:	Windows 7 / 8.1 / 10 (64 bit)
CPU:	Intel Core i7 with 4 or more cores, 3.5GHz or greater
Memory:	8GB RAM or greater
Hard Drive:	SSD Drive. At least 20GB of free space. (you need at least this much 10GB of free space to install VR-Design Studio including sample data and landform data), and enough space to save additional data such as landscape model, models/textures downloaded from our Road Database, and recorded AVI files.
Graphics Card:	NVIDIA GeForce 1070 Series GTX or greater, 8GB or greater Please refer to below table for graphic cards info.
Display:	1920x1080 or greater. In terms of screen design and font size, only the default settings with Windows default aero theme activated.
Optical Drive:	DVD Drive
Sound Card:	Any

#### Note:

To enable driving simulation, you will need to have a Logitech steering wheel which includes steering wheel, brake, and accelerator (sold separately). Please refer to the page below for more information on our VR-Design Studio Drive Simulator.

<http://www.forum8.co.jp/english/uc-win/road-drive-e.htm>

You need to be connected to the Internet in order to download sample data, sample models, etc. from our RoadDB and use them.

**When using multiple screens**, graphics cards usually have multiple output ports, however, check those ports carefully whether they can be used or not before. If there are not enough outputs for your multiple screen system please add graphics cards to your machine.

Please ensure that your system meets at least the minimum requirements before ordering a trial version or purchase. However, you should run the software on systems with the recommended requirements.

\*Please set design, font, and size of screen to default. Also, we recommend you use a monitor having the size of at least 20 inch.

NVIDIA Video Chip		AMD (ATI) Video Chip	
For Desktop	For laptop:	For Desktop	For laptop:
<b>Driving simulation:</b> GeForce GTX 1080 Ti GeForce GTX 1080 GeForce GTX 1070 Ti GeForce GTX 1070 GeForce GTX 1060 Quadro M6000 Quadro M5000 Quadro M4000	<b>Driving simulation:</b> (None)	<b>Driving simulation:</b> (None)	<b>Driving simulation:</b> (None)
<b>Data creating:</b> GeForce GTX 1080 Ti GeForce GTX 1080 GeForce GTX 1070 Ti GeForce GTX 1070 GeForce GTX 1060 GeForce GTX 980 GeForce GTX 970 GeForce GTX 960 GeForce GTX 950 GeForce GTX 780 Ti GeForce GTX 780 GeForce GTX 770 GeForce GTX 760 GeForce GTX 750 Ti GeForce GTX 750 GeForce GTX 690 GeForce GTX 680 GeForce GTX 670 GeForce GTX 660 Ti GeForce GTX 660 Quadro M6000 Quadro M5000 Quadro M4000 Quadro K6000 Quadro K5200 Quadro K5000 Quadro K4200 Quadro K4000	<b>Data creating:</b> GeForce GTX 1080(Notebook) GeForce GTX 1070(Notebook) GeForce GTX 1060(Notebook) GeForce GTX 980M GeForce GTX 970M GeForce GTX 900M GeForce GTX 880M GeForce GTX 870M GeForce GTX 860M GeForce GTX 850M GeForce GTX 780M GeForce GTX 770M GeForce GTX 765M GeForce GTX 760M GeForce GTX 680MX GeForce GTX 680M GeForce GTX 675MX GeForce GTX 675M GeForce GTX 670MX GeForce GTX 670M GeForce GTX 660M GeForce GTX 580M GeForce GTX 570M GeForce GTX 560M	<b>Data creating:</b> Radeon™ HD 7990 (all series) Radeon™ HD 7900 (all series) Radeon™ HD 7800 (all series) Radeon™ HD 7700 (all series) Radeon™ HD 6990 Graphics Radeon™ HD 6970 Graphics Radeon™ HD 6950 Graphics Radeon™ HD 6870 Graphics Radeon™ HD 6850 Graphics Radeon™ HD 6790 Graphics Radeon™ HD 6770 Graphics Radeon™ HD 6750 Graphics Radeon™ R9 295X2 Radeon™ R9 290X Radeon™ R9 290 Radeon™ R9 285 Radeon™ R9 280X Radeon™ R9 280 Radeon™ R9 270X Radeon™ R9 270 Radeon™ R7 265 Radeon™ R7 260X Radeon™ R7 260 Radeon™ R7 250X Radeon™ R7 250	<b>Data creating:</b> HD 8900M HD 8870M HD 8790M HD 8770M HD 8690M HD 8670M HD 7900M HD 7800M R5 M255 R5 M230 R7 M265 R7 M260X R7 M260 R9 M290X R9 M275X R9 M270X

Note:  
 The AMD chips may cause a problem in areas where NVIDIA chips don't cause problems. They may cause the system to slow down depending on the version of the driver,