



## Hardware and Operating system V9

01/06/15



**Windows:** Windows 7 Professional (64 bits)  
Windows 8.1  
Windows 10

### Minimum requirement:

- Processor Intel core i3 2.3 GHz or better
- Memory 8 GB
- Hard Disk 7200 RPM Free disk space 10 GB
- Screen resolution 1600X1200/ 16 million colors MINIMUM
- USB Port 1 free port
- Video card AMD or NVIDIA (cf. table below)
- OpenGL Version Minimum supported 4.2 recommended :4.4
- Mouse 3 button mouse with scroll
- Internet connection Not compulsory but recommended

### Level selector

#### 1. Work Station :

	Low	Medium	Best
Processor type	Intel Core i5-4690	Intel Xeon E5-1620 v3	Intel Xeon E5 2667 v3
Processor frequency	3.50 GHz	3.50 GHz 4c	3.2 GHz 8c
RAM memory	8 GB	8 GB	16 GB or more
Video card	AMD FirePro W2100	AMD FirePro W5100	AMD FirePro W7100
Video card memory	2 GB	4 GB	8 GB
Hard drive disk	SATA 1 TB (7200 RPM)	SATA 2 TB (7200 RPM)	SSD 256GB
Screen resolution	1280X1024	1920X1200	1920X1200 or more
Screen Size	19"	24"	24" or more
Operating System	Windows 7 PRO 64bit	Windows 7 PRO 64bit	Windows 8.1 PRO 64bit

#### Configuration idea: DELL Precision 5810

OS Windows 8.1 Pro 64 bits  
 Processor Processor Intel® Xeon™ E5 1630 (3.70 GHz Quad Core)  
 Memory 8 GB 2133 MHz DDR4 SDRAM - ECC  
 Hard Drive Serial ATA 2 To (7200 RPM)  
 Video Card NVIDIA Quadro K620, 2 Go  
 Screen Dell UltraSharp U2412M 61cm (24") Wide Screen VGA DVI-DP (1920x1200)  
 Mouse 3 Buttons

#### 2. Notebook

##### Configuration ideas:

	<b>DELL Precision M6800</b>	<b>ASUS G75VW</b>
OS	Windows Seven 64 Pro	Windows 8.1 64
Processor	Intel Core i7-4910QM (2.90 GHz 3.90 GHz)	Intel Core i7-3630QM 2.4 GHz
Memory	16Go (4x4GB) 1600MHz DDR3L	16 GB DDR3
Hard Drive	SATA 512 GB (7200 RPM)	SSD 256GB + HDD 750 Go
Video Card	NVIDIA Quadro K4100M 4 GB GDDR5	NVIDIA GeForce GTX 670M 3GB
Screen	Full HD UltraSharp™ 17.3 (1920*1080)	17.3 Inches 1920*1080
Mouse	3 Buttons	3 Buttons



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**MAC :** OsX 10.10 Yosemite

### Minimum Configuration

- OsX Minimum 10.9 (Maveriks)
- Processor Intel Core i5 3.2Ghz
- Memory 8GB
- Hard Drive 7200 RPM with 10 GB free space
- Screen 1920 x 1080 minimum
- USB port 1 free port
- Video Card
  - ✓ iMac NVIDIA GeForce GT 750M with 1 GB memory GDDR5
  - ✓ MacBook Pro NVIDIA GeForce GT 750M with 2 GB memory GDDR5
  - ✓ Mac Pro AMD FirePro D300 2 GB memory GDDR5
- Mouse 3 button mouse with scroll
- Internet connection Not compulsory but recommended

### Level selector:

#### Notebook :

	High performance
Type	Mac Book Pro Retina
Processor	Intel Core i7 2.5 GHz
Processor Frequency	3.7 GHz
Memory	16 GB or more
Video Card	AMD Radeon R9 M370X
Dedicated video card memory	2 GB GDDR5
Hard Drive Disk	SSD 512 GB
Screen Resolution	2880*1800
Screen Size	15"4
Operating System	OS X 10.10 Yosemite

**BE AWARE! APPLE DOESN'T PROVIDE DVD READERS WITH iMac AND Mac Book Pro ANYMORE YOU WILL HAVE TO DOWNLOAD YOUR 3DESIGN INSTALLATION PACK FROM [www.3design.com/download/](http://www.3design.com/download/)**

#### Work Station :

	High performance	High performance
Type	Mac Pro	iMac
Processor	Quad-Core Intel Xeon E5 QuadCore	Intel Core i5 Quadcore 3,3 GHz
Max Processor Frequency	3.9 GHz	3.7 GHz
Memory	16 GB or more	16 GB or more
Video Card	AMD FirePro D300	AMD Radeon R9 M290
Dedicated video card memory	2 GB GDDR5	2 GB GDDR5
Hard Drive Disk	SSD 512 GB	1 TB(7200 RPM) or SSD 512GB
Screen Resolution	5120*2880	5120* 2880
Screen Size	27"	27"
Operating System	OS X 10.10 Yosemite	OS X 10.10 Yosemite

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