



## Hardware and Operating system 3DESIGN V9



PC OS compatibles: Windows 7; Windows 8; 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
- USB Port MINIMUM 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 Xeon E3-1270 V5 | Intel Xeon E5-1650 v3  | Intel Xeon E5 2637 v3  |
| Processor frequency | 3.6 GHz 4c            | 3.5 GHz 6 c            | 3.5 GHz 4c             |
| RAM memory          | 8 Go                  | 16 Go                  | 32 Go ou +             |
| Video card          | AMD FirePro W4000     | AMD FirePro W5100      | AMD FirePro W8100      |
| Video card memory   | 2 Go                  | 4 Go                   | 8 Go                   |
| Hard drive disk     | SATA 2 To             | SSD 256 Go + SATA 1 To | SSD 512 Go + SATA 1 To |

#### Configuration idea: DELL Precision 5810

|            |  |
|------------|--|
| OS         | Windows 10 Pro 64 bits                             |
| Processor  | Processor Intel® Xeon™ E5 1630 (3.70 GHz QuadCore) |
| Memory     | 8 GB 2133 MHz DDR4 SDRAM - ECC                     |
| Hard Drive | Serial ATA 2 To (7200 RPM)                         |
| Video Card | NVIDIA Quadro M2000 4Go                            |
| Screen     | Dell UltraSharp U2515H (25")                       |
| Mouse      | 3 Buttons  |

### 2. Notebook

#### Configuration ideas:

##### DELL Precision M6800

|            |                                      |
|------------|--------------------------------------|
| OS         | Windows 10 Pro                       |
| Processor  | Intel Core i7-4910QM                 |
| Memory     | 16Go (4x4GB) 1600MHz DDR3L           |
| Hard Drive | SATA 512 GB (7200 RPM)               |
| Video Card | NVIDIA Quadro K4100M 4 GB GDDR5      |
| Screen     | Full HD UltraSharp™ 17.3 (1920*1080) |
| Mouse      | 3 Buttons                            |

##### ASUS G75VW

|            |                             |
|------------|-----------------------------|
| OS         | Windows 10 Pro              |
| Processor  | Intel Core i7-6700 HQ       |
| Memory     | 32 GO DDR3                  |
| Hard Drive | SSD 512Go + HDD 1 To        |
| Video Card | NVIDIA GeForce GTX 980M 8Go |
| Screen     | 17.3 Inches 1920*1080       |
| Mouse      | 3 Buttons                   |

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## Hardware and Operating system 3DESIGN V9



**MAC OS compatibles :** macOS 10.10 Yosemite ; macOS 10.11 El Capitan ; macOS 10.12 Sierra ; macOS 10.13 High Sierra

### Minimum Configuration :

- OsX Version minimum 10.10 Yosemite
- Processor Intel Core i5 3.2Ghz
- Memory 8GB
- Hard Drive 7200 RPM with 10 GB free
- Screen space 1920 x 1080 minimum
- USB port 1 free port
- Video Card AMD or NVIDIA
- Mouse 3 button mouse with scroll
- Internet connection Not compulsory but recommended

### Level selector:

| 1. Work Station             | High performance            | High performance       |
|-----------------------------|-----------------------------|------------------------|
| Type                        | Mac Pro                     | iMac                   |
| Processor                   | Intel Core i5 Quad-core     | 6-coeurs Intel Xeon E5 |
| Max Processor Frequency     | 3.4 GHz to 3.8GHz           | 3.5 Ghz                |
| Memory                      | 8 Go up to 32 Go            | 16 Go or more          |
| Video Card                  | AMD Radeon Pro 570          | AMD FirePro D500       |
| Dedicated video card memory | 4 Go GDDR5                  | 3 Go GDDR5             |
| Hard Drive Disk             | 1 To 7 200 rpm or SSD 512Go | SSD de 256 Go          |
| Screen Resolution           | 5120 x 2880                 | 5120 x 2880            |
| Screen Size                 | 27" 5k                      | 27" 5k                 |

| 2. Notebook                 | High performance   |
|-----------------------------|--------------------|
| Type                        | Mac Book Pro       |
| Processor                   | Intel Core i7      |
| Processor Frequency         | 2.8 Ghz            |
| Memory                      | 16 Go or more      |
| Video Card                  | AMD Radeon Pro 555 |
| Dedicated video card memory | 2 Go GDDR5         |
| Hard Drive Disk             | SSD de 512 Go      |
| Screen Resolution           | 2880 x1800         |
| Screen Size                 | 15"4               |

BE AWARE! APPLE TAKES OUT USB TYPE-A PORTS OF Mac Book Pro's: YOU WILL HAVE TO DOWNLOAD YOUR 3DESIGN INSTALLATION PACK FROM [www.3design.com/download/](http://www.3design.com/download/)

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