



# Laptop Requirements

## Digital Apparel Design & Digital Footwear Design

### Windows

	Minimum requirement
<b>Processor</b>	Intel® or AMD processor with 64-bit support*; 2 GHz or faster processor
<b>Operating system</b>	Microsoft Windows 7* with Service Pack 1 (64-bit)**, Microsoft Windows 10*** October 2018 update (64-bit) version 1809 or later
<b>RAM</b>	8 GB or more of RAM (16 GB recommended)
<b>Graphics card</b>	nVidia GeForce GTX 1050 or equivalent; nVidia GeForce GTX 1660 or Quadro T1000 is recommended
<b>Hard disk space</b>	3.1 GB or more of available hard-disk space for 64-bit installation; additional free space required during installation (cannot install on a volume that uses a case-sensitive file system); SSD recommended
<b>Monitor resolution</b>	1280 x 800 display at 100% <a href="#">UI scaling</a> (1920 x 1080 recommended) with 16-bit color and 512 MB or more of dedicated VRAM; 2 GB is recommended
<b>OpenGL</b>	OpenGL 4.x  Optional: To use GPU Performance: Your Windows should have a minimum of 1GB of VRAM (4 GB recommended), and your computer must support OpenGL version 4.0 or greater.
<b>Internet</b>	Internet connection and registration are necessary for required software activation, validation of subscriptions, and access to online services



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### macOS

	Minimum requirement
<b>Processor</b>	Multicore Intel processor with 64-bit support
<b>Operating system</b>	macOS version 10.13 (High Sierra), macOS version 10.14 (Mojave), macOS version 10.15 (Catalina)
<b>RAM</b>	8 GB or more of RAM (16 GB recommended)
<b>Graphics card</b>	nVidia GeForce GTX 1050 or equivalent; nVidia GeForce GTX 1660 or Quadro T1000 is recommended
<b>Hard disk space</b>	4 GB or more of available hard-disk space for installation; additional free space required during installation (cannot install on a volume that uses a case-sensitive file system)
<b>Monitor resolution</b>	1280 x 800 display at 100% <a href="#">UI scaling</a> with 16-bit color and 512 MB or more of dedicated VRAM; 2 GB is recommended*
<b>OpenGL</b>	Optional: To use GPU Performance: Your Mac should have a minimum of 1 GB of VRAM (2 GB recommended), and your computer must support OpenGL version 4.0 or greater.  For eGPU, support on Mac OS 10.13.5 or above.
<b>Internet</b>	Internet connection and registration are necessary for required software activation, membership validation, and access to online services †



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Find more information on:

- Adobe Photoshop: <https://helpx.adobe.com/photoshop/system-requirements.html>
- Adobe Illustrator: <https://helpx.adobe.com/illustrator/system-requirements.html>