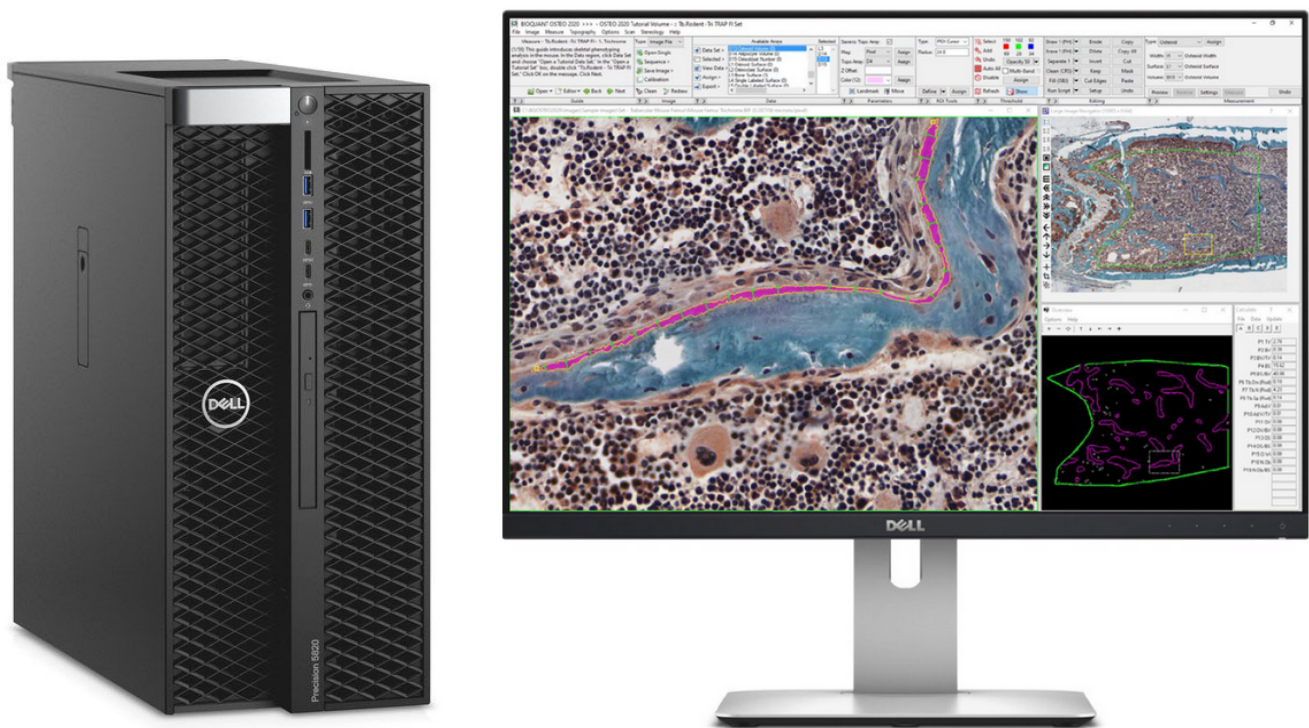




# Dell Precision Workstation



## Workstation Description

BIOQUANT systems are tested with Dell Precision 5820 Tower computers. Labs located in the United States can purchase the workstation directly from BIOQUANT or through your university. Labs outside of the United States can purchase the workstation directly from the local Dell office.

## Possible Upgrades

BIOQUANT benefits from higher core processor speeds more than multiple processor cores. Other upgrades could include: additional RAM, expanded storage, and a higher resolution display. Some labs find dual monitors or tablet displays useful.

## Minimum Specification

BIOQUANT requires a 3+ GHz Intel processor, 16GB RAM, NVIDIA GPU, 512 GB storage, Windows 10/11 pro 64-bit, and a monitor that supports at least a 1920x1200 display. An open PCIe slot for a half-height card is required for the BIOQUANT Imaging Board.

# Technical Specifications

## Base Specification

<b>Model</b>	Precision 5820 Tower
<b>Operating System</b>	Windows 10+ Pro 64bit
<b>Required Bus Slot</b>	1 PCIe 1x
<b>Required USB</b>	1 USB3 Type A

## Components

<b>Processor</b>	Intel Xeon 4GHz+ 4 Core CPU
<b>Video Card</b>	NVIDIA Quadro 4GB+ GPU
<b>Memory</b>	16GB ECC
<b>Storage Drive</b>	1TB Solid State
<b>Optical Drive</b>	8X DVD+/-RW Slimline

## Accessories

<b>Keyboard</b>	Dell KB216 Wired Keyboard
<b>Mouse</b>	Logitech M500 Wired Mouse
<b>Audio</b>	Logitech USB Headset
<b>Power Cord</b>	North America 125V

## Monitor

<b>Model</b>	Dell Ultrasharp U2421
<b>Desktop Size</b>	1920x1200
<b>Size</b>	24 inch

## Warranty

<b>Support Plan</b>	3 Year ProSupport Plus Next Business Day Onsite Service
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