



## DELL PRECISION WORKSTATIONS GO HEAD-TO-HEAD WITH APPLE MACBOOK PRO

Bring your creative ideas to life  
with Dell Precision workstations.





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## Precision 5000 Series

Light and thin workstations that don't compromise on the professional-level components, innovative technologies, incredible system performance, and ultimate reliability you've come to expect from Dell.

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## PRECISION 5750 MOBILE WORKSTATION VS. MACBOOK PRO 16

The first thin and light 17-inch mobile workstation is also the smartest, featuring AI-based optimization of Dell Optimizer for Precision<sup>1</sup>, ISV certifications, faster login and auto-lock with TUV-certified technology that reduces blue light while maintaining color fidelity. You can't get that from a MacBook<sup>2</sup>.

# 16

## PRECISION 5550 MOBILE WORKSTATION VS. MACBOOK PRO 16

The world's smallest and thinnest 15-inch mobile workstation<sup>3</sup>, featuring the latest Intel<sup>®</sup> processors, NVIDIA<sup>®</sup> graphics, and Dell Optimizer for Precision.

See how it stacks up against a top competitor—Apple's MacBook Pro 16.

PRECISION

5000



PRECISION 5000 VS MACBOOK PRO

Make genius real, one experience at a time



DELL OPTIMIZER FOR PRECISION

The first built-in, AI-based optimization software that learns and responds to the way you work<sup>5</sup>.



EXPRESSSIGN-IN

Dell Proximity Sensor detects your presence to wake or lock your system.



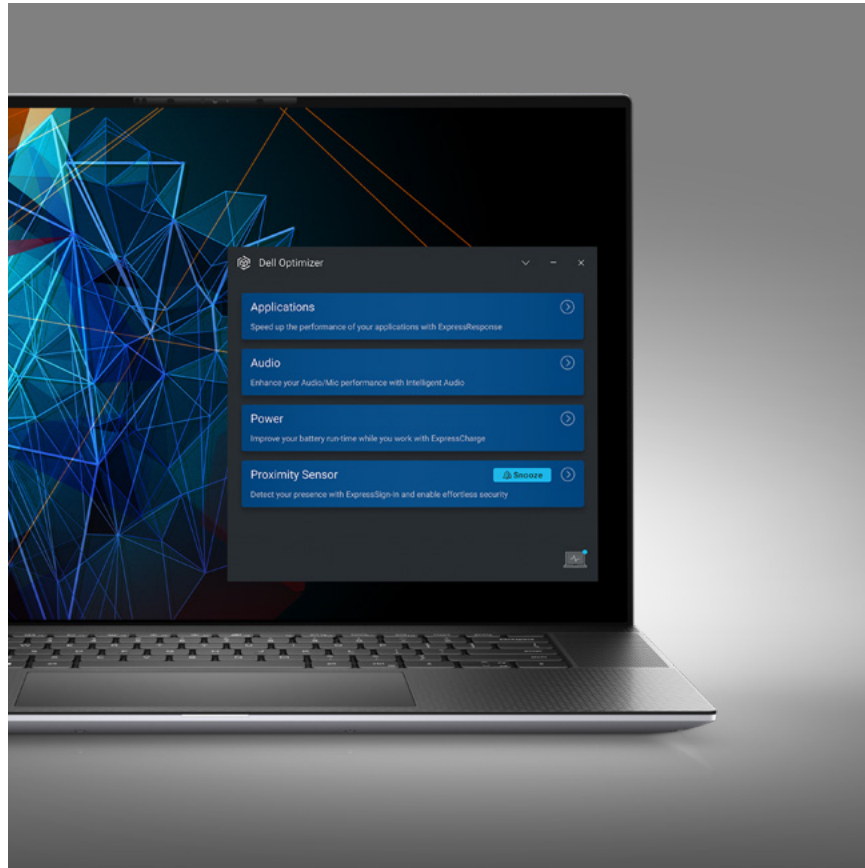
COMFORTVIEW PLUS

Reduces blue light with built-in hardware—not software—so it's always enabled and never discolored.



ISV CERTIFICATION

All Precision workstations are tested and certified by leading software vendors, so apps are guaranteed to run reliably.



#### PRECISION 5000 SERIES

## Dell Optimizer for Precision

A built-in AI platform that learns how you work and adapts to your style to create a smarter, more personalized and productive experience. These innovative features are built into the Dell commercial portfolio.



#### WHAT APPLE LACKS

Apple does not offer built-in AI-based performance optimization<sup>2</sup>.



#### PRECISION 5000 SERIES

## ISV Certification

Mission critical reliability starts with our testing and certifications from ISVs, ensures industry leading software, such as those used for design and creative applications, run reliably and with the best possible performance.



#### WHAT APPLE LACKS

Apple does not offer ISV Certifications<sup>2</sup>.

#### PRECISION 5000 SERIES

## ExpressSign-In

Our workstation proximity sensor detects your presence to instantly wake and log you in via the IR camera and Windows Hello, all without lifting a finger. Plus, it locks upon walking away, so your work stays safer.



#### WHAT APPLE LACKS

While the MacBook Pro 16 offers a fingerprint reader, it does not offer a proximity sensor as a sign-on method like Dell ExpressSign-In<sup>2</sup>.



#### PRECISION 5000 SERIES

## Hardware-based low blue light

Precision workstations feature ComfortView Plus, TÜV-certified low blue light panels, to help reduce blue light emissions to optimize eye comfort while preserving the Adobe RGB or DCI-P3 color gamut.



#### WHAT APPLE LACKS

Although MacBooks have a built-in night mode to decrease blue light in low-light conditions, this adjusts the colors on the display to the warmer end of the color spectrum while Precision's ComfortView Plus preserves the Adobe RGB or DCI P3 color gamut<sup>2</sup>.





PRECISION 5750 MOBILE WORKSTATION

ONLY DELL OFFERS THE WORLD'S  
SMALLEST, THINNEST AND  
LIGHTEST 17 - INCH WORKSTATION  
WITH AI-BASED OPTIMIZATION<sup>4</sup>

MACBOOK PRO 16



#### HOW IT LOOKS

The big challenge for the 5750 is overcoming the perception that MacBook machines are the leading devices for creators. Although Precision 5750 doesn't run iOS, it's loaded with Dell Optimizer for Precision; offers faster memory and Wi-Fi speeds than the MacBook Pro 16. Plus, it comes VR/AR-ready—all unique features of a powerful machine that's built for creators and prosumers<sup>2</sup>.



### HOW IT FEELS

Work will never weigh you down with the world's lightest 17-inch workstation<sup>1</sup>. Starting at 4.7 lbs, with a 94 percent display/body ratio, the Precision 5750 is a perfect balance of power, style and mobility in a lightweight carbon fiber and aluminum package.

### HOW IT ENGAGES

A beautiful workspace drives creativity



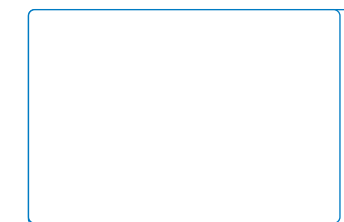
Dell recognizes the role of the display in the user's overall experience. The Precision 5750's Ultra HD+ display is 3840x2400, while MacBook's Retina display only offers a 3072x1920 resolution<sup>2</sup>.

Our UHD+ display is also 10 finger touch. Apple does not offer touch displays. We need to yell this delta from the rooftops.

The ultra-premium design, with a 16:10 aspect ratio, up to HDR400, and the industry's first 4-sided InfinityEdge<sup>®</sup> display make for an industry-leading, front-of-screen experience.

Performance is driven by Intel<sup>®</sup> Core<sup>™</sup> and Xeon<sup>®</sup> Processors and professional grade GTX and RTX GPU's from the leading manufacturer, NVIDIA<sup>®</sup>.

### FOOTPRINT

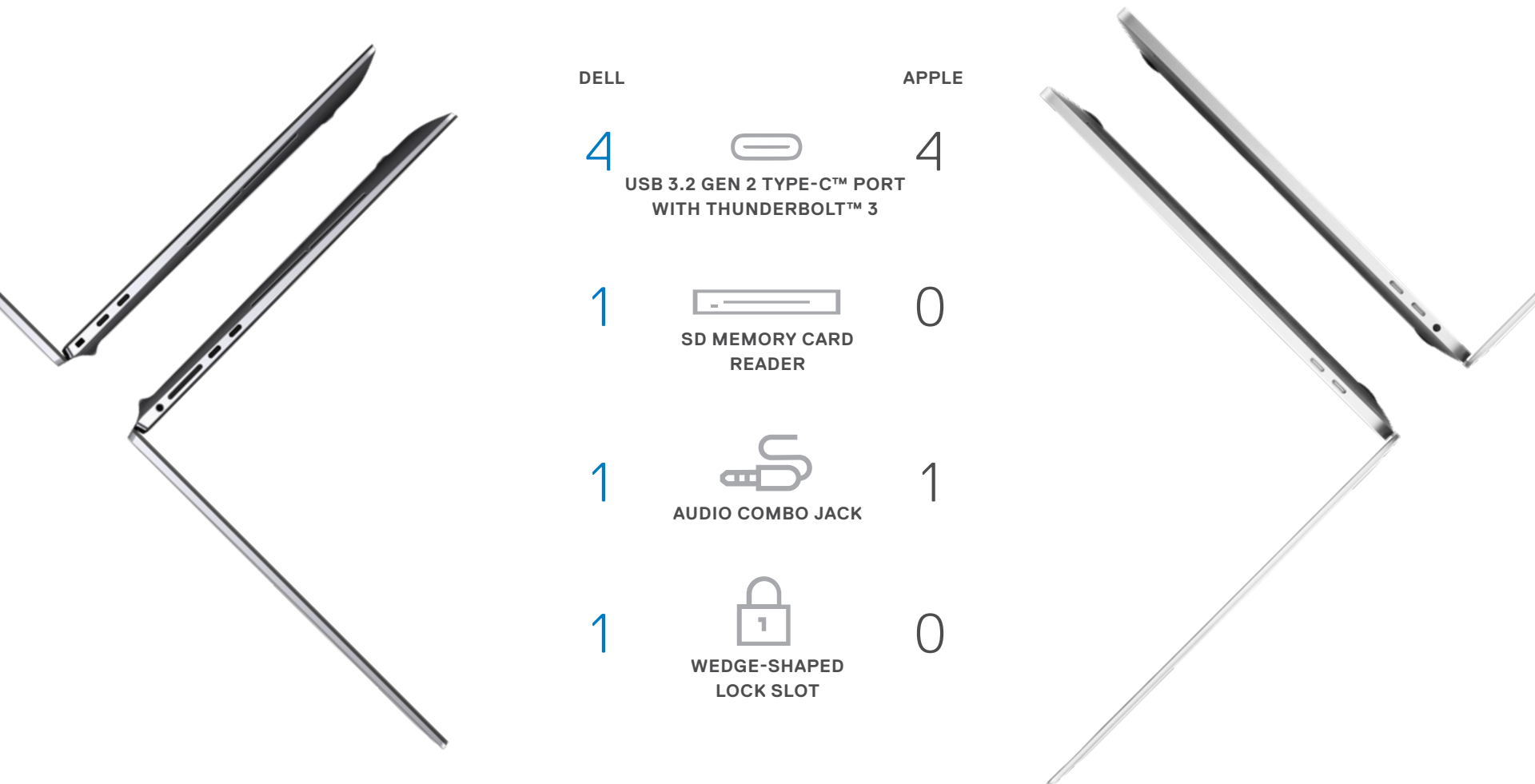


**Precision 5750:**  
 Height: 0.52 inch (1.31 cm)  
 Width: 14.74 inches (37.45 cm)  
 Depth: 9.77 inches (24.81 cm)

**Apple MacBook Pro 16:**  
 Height: 0.64 inch (1.62 cm)  
 Width: 14.09 inches (35.79 cm)  
 Depth: 9.68 inches (24.59 cm)<sup>5</sup>

HOW IT CONNECTS

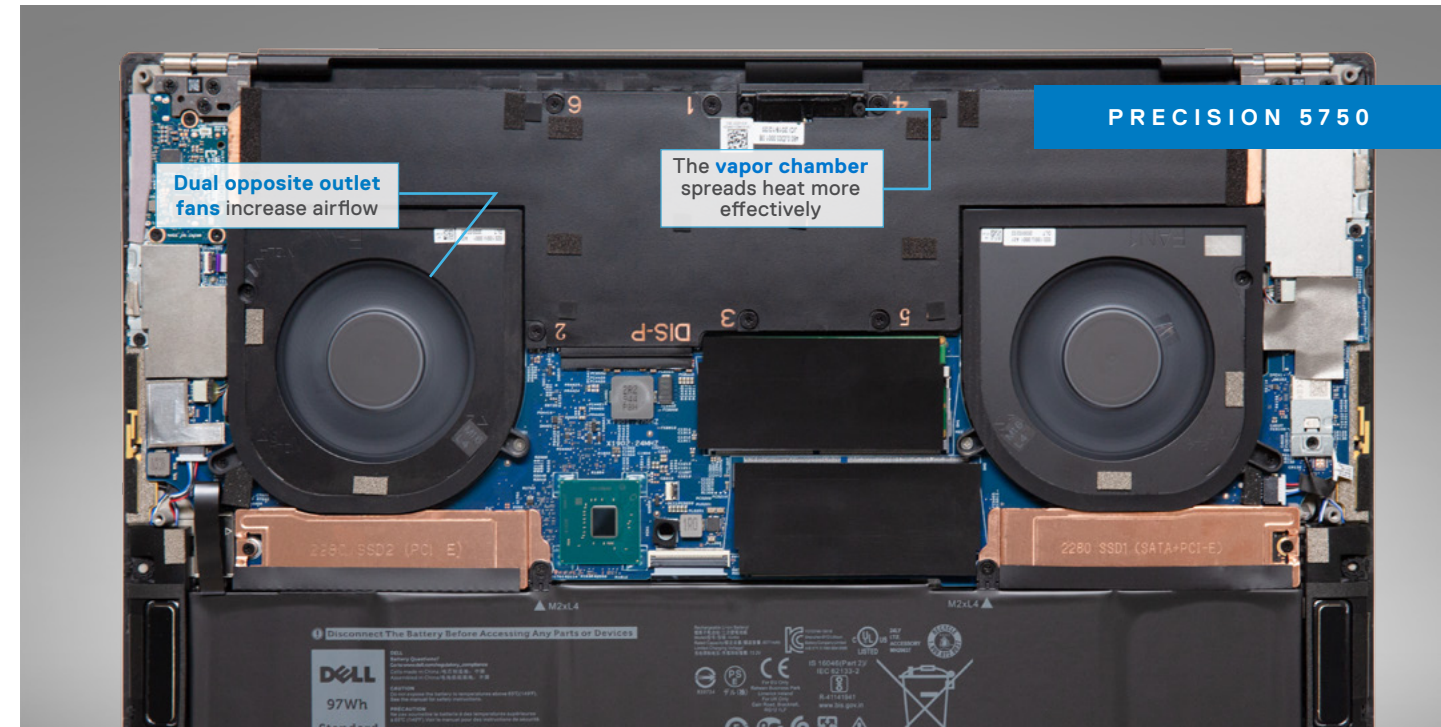
# Precision 5750 vs. MacBook Pro 16



We include with every system ordered a DA200 dongle which has an HDMI and USB-A port, which Apple does not include.<sup>2</sup>



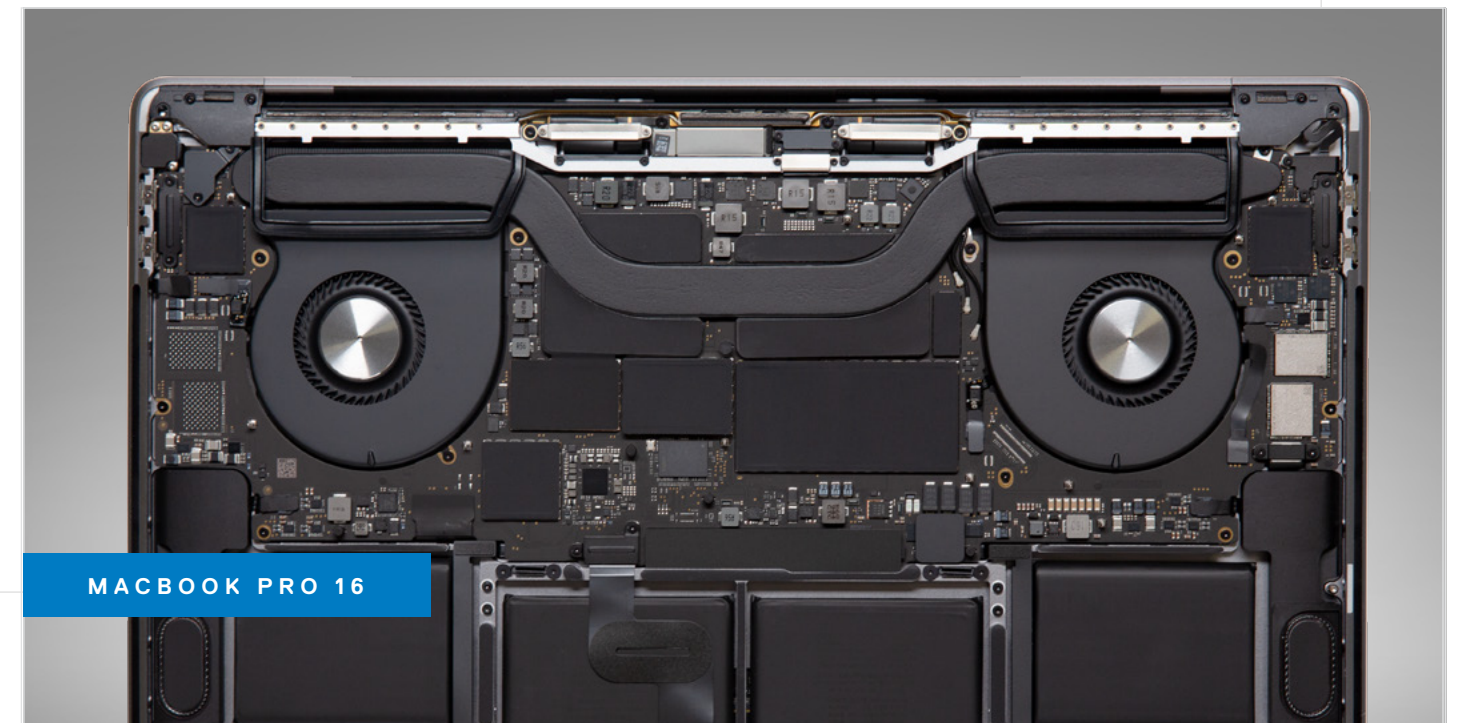
Precision 5750 offers twice the number of port types - the MacBook Pro 16 does not offer SD memory card reader or wedge-shaped lock slot<sup>2</sup>.



Dell has made significant investments in thermal engineering to keep the Precision 5750 running as cool as possible with minimal performance degradation.



Plus, the Precision 5750 has superior serviceability with adjustable memory, storage, and batteries, while in the MacBook Pro 16 the memory and storage are not user accessible and the battery is built in<sup>2</sup>.



## WHAT MAKES IT SPECIAL

# Precision 5750 outshines MacBook Pro 16<sup>2</sup>

Precision 5750 is ISV certified to run leading applications from over 140 vendors whereas the MacBook Pro isn't ISV certified at all<sup>6</sup>.

### BATTERY

Precision 5750's battery runtime is up to 16+ hours, while the battery on the MacBook Pro 16 only offers up to 11 hours<sup>7</sup>.

### SPEAKERS

The 5750 offers grade-A speaker audio with Waves Nx, top-firing tweeters, and bottom-firing subwoofers. Plus, you hear crystal-clear sound via 3,774 holes on each side of the keyboard.

### KEYBOARD

Featuring new design enhancements, the keyboard on the 5750 is designed to enable a comfortable stroke that aids in minimizing typos.

### TRACKPAD

The 5750 features an oversized touchpad at 150x89, which is comparable to the touchpad on the MacBook Pro 16.







## PRECISION 5550 MOBILE WORKSTATION

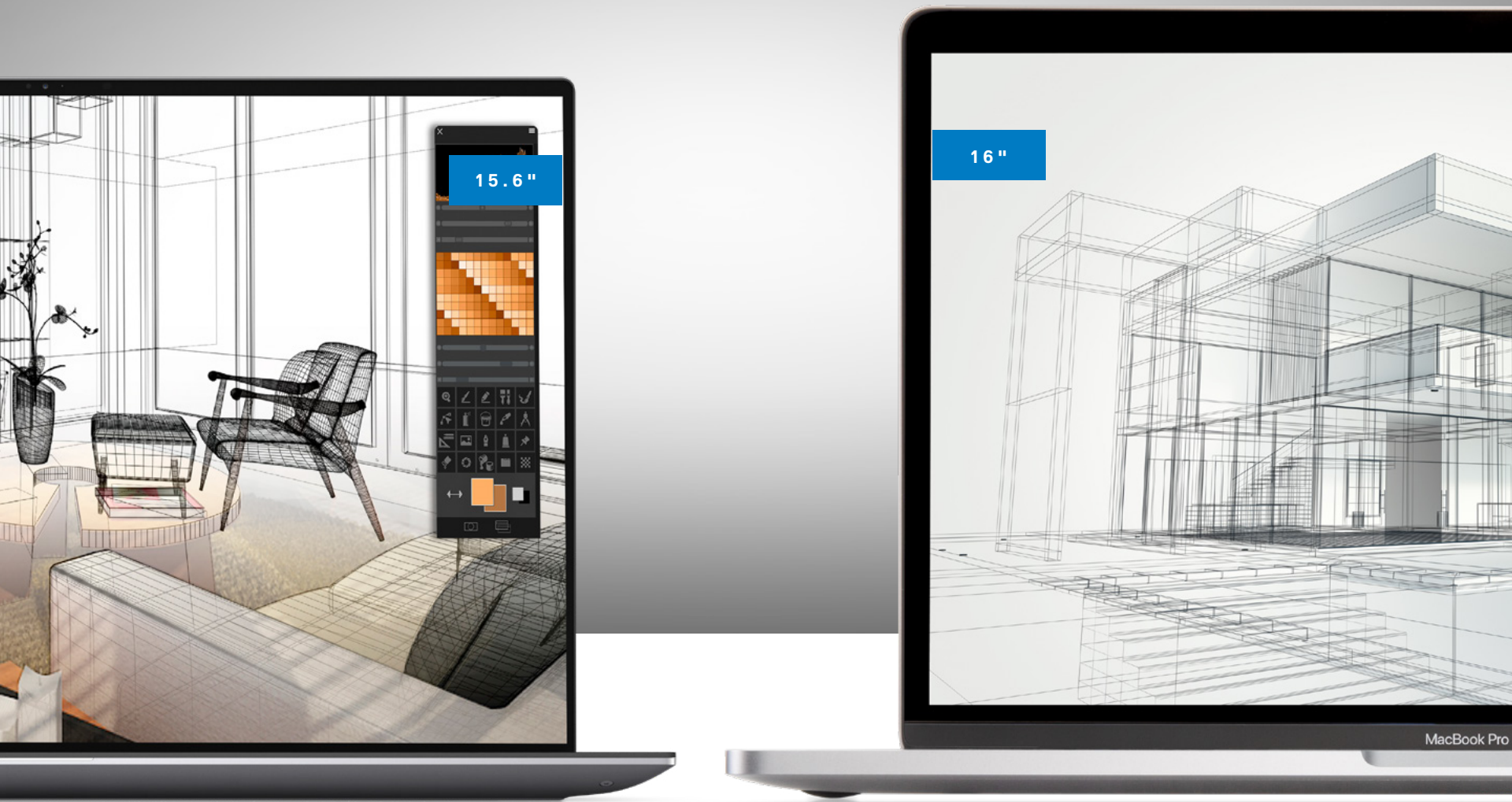
DEMAND MAXIMUM PORTABILITY,  
POWER, AND SCREEN REAL ESTATE

## MACBOOK PRO 16



### HOW IT LOOKS

The Precision 5000 series smallest and thinnest mobile workstations come with a visually stunning and light weight carbon fiber palmrest and aluminum body. MacBook Pro 16 only comes in aluminum<sup>5</sup>.



**HOW IT ENGAGES**

## InfinityEdge display vs. regular screen

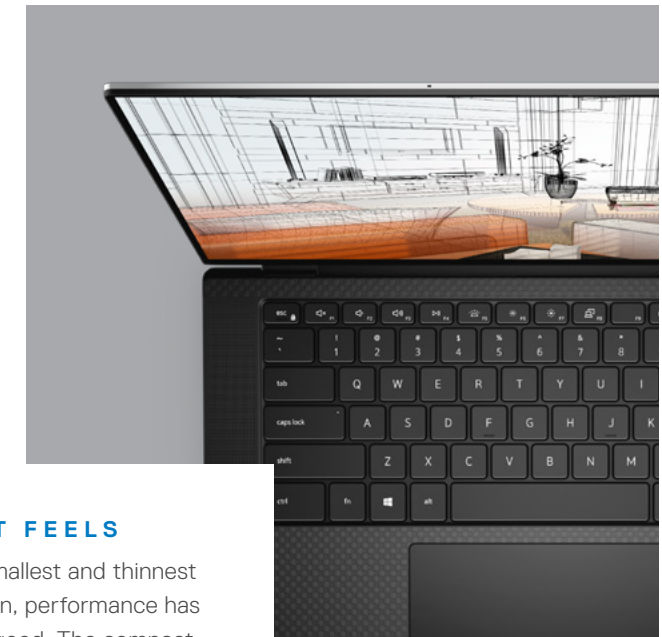
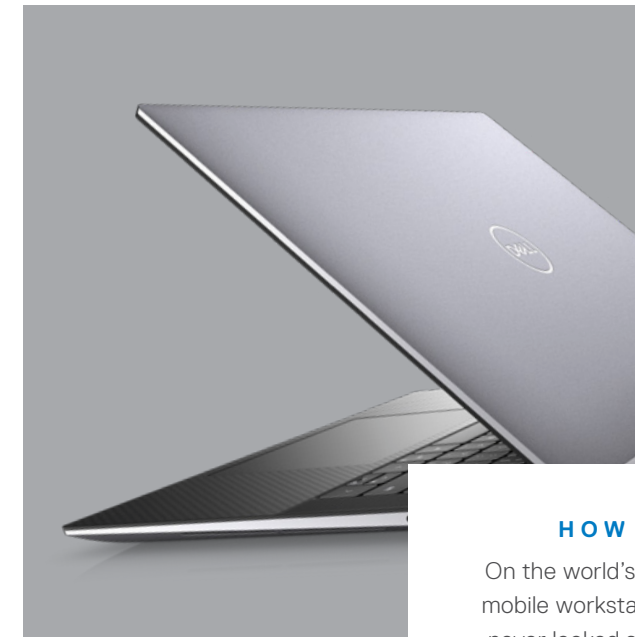
Experience great picture quality and touch support on the Precision 5550 mobile workstation's 4-sided InfinityEdge HDR display. The 5550's InfinityEdge display means a sleeker design compared to the MacBook Pro 16, whose screen is surrounded by a thick black border. Plus, the MacBook Pro 16 does not offer touch support<sup>2</sup>.



**Dell Precision 5550:**  
 Height: 0.46 inch (1.17 cm)  
 Width: 13.56 inches (34.44 cm)  
 Depth: 9.07 inches (23.03 cm)

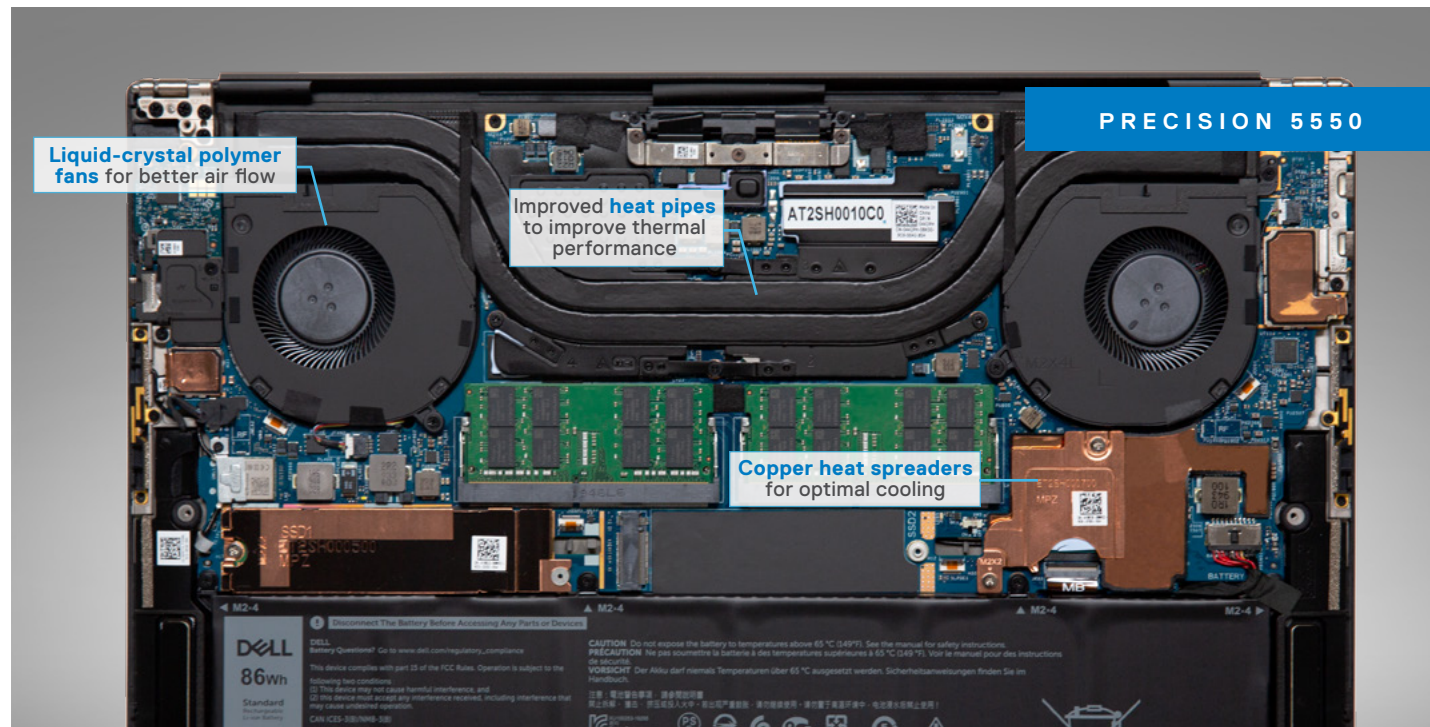


**Apple MacBook Pro 16:**  
 Height: 0.64 inch (1.62 cm)  
 Width: 14.09 inches (35.79 cm)  
 Depth: 9.68 inches (24.59 cm)<sup>5</sup>



**HOW IT FEELS**  
 On the world's smallest and thinnest mobile workstation, performance has never looked so good. The compact design fits a 15.6-inch display into a 14-inch chassis, and superior build quality and the carbon fiber palm rest deliver strength and durability.

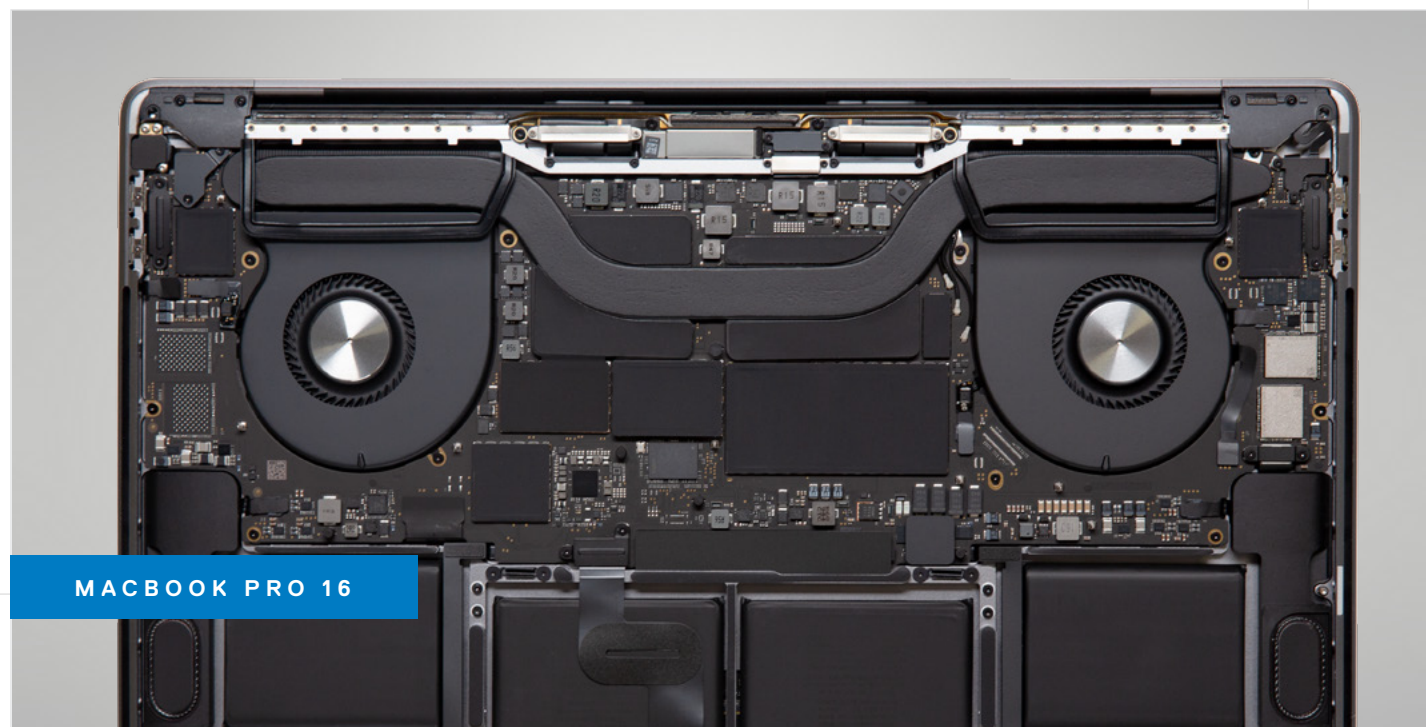




The memory, storage, and battery are user accessible in the Precision 5550, but they are not in the MacBook Pro, making the 5550 a more customizable device<sup>2</sup>.



The 5550 also features several thermal improvements, including thinner fan blades, Gore insulation, graphite and copper heat spreaders, and improved dual heat pipes.







Human-centered design that's ready for business

Customers loved the premium features of the Precision 5000, but desired a larger display that was thinner and lighter.

To evolve the series in this direction without negatively impacting performance, our engineers completely innovated the thermal design.

## HOW IT CONNECTS

# Precision 5550 Mobile Workstation vs. MacBook Pro 16

| DELL |   | APPLE |
|------|---|-------|
| 3    | <br>USB 3.2 GEN 2 TYPE-C PORT  | 4     |
| 1    | <br>USB 4.0 MEMORY CARD READER | 0     |
| 1    | <br>UNIVERSAL AUDIO PORT       | 1     |
| 1    | <br>WEDGE-SHAPED LOCK SLOT   | 0     |

The Precision 5550 provides more types of ports than the MacBook Pro 16 - the MacBook Pro 16 does not offer SD memory card reader or wedge-shaped lock slot. Plus, Precision 5550 workstations ship with a dongle that supports HDMI and USB-A<sup>2</sup>.

Apple only offers four USB Type-C ports, requiring users to purchase various converters for their accessories.



## WHAT MAKES IT SPECIAL

# Precision 5550 mobile workstation tops MacBook Pro 16

### IR CAMERA

Precision 5550 offers an IR camera, enabling users to securely sign on with just a look. Apple does not offer this feature<sup>2</sup>.

### FASTER WI-FI

Precision 5550 offer a Wi-Fi 6 option, while MacBook Pro 16 is only offered with Wi-Fi 5<sup>2</sup>.

### BUILT-IN AI

Dell Precision workstations provide Dell Optimizer for Precision software for free. Apple MacBook Pro 16 doesn't have it<sup>2</sup>.

### ENHANCED RELIABILITY

Unlike MacBook Pro 16, the Precision 5550 is built with Reliable Memory Technology Pro<sup>8</sup> (with ECC memory), alerting users to memory related issues<sup>2</sup>.

### BETTER SUPPORT

Precision 5550 workstations come with a warranty that's 3x as long as Apple's with Dell ProSupport Plus<sup>9</sup>. Dell warranties also include onsite service after remote diagnosis of a problem.

### LONGER BATTERY

Dell Precision 5550 workstation has a longer battery runtime than macbook pro 16, up to 6.9 more hours than the macbook 16<sup>7</sup>.



<sup>1</sup>Based on Dell analysis using publicly available data, January 2020. The smallest refers total surface area of the mobile workstations.

<sup>2</sup>Based on internal analysis of publicly available information.

<sup>3</sup>Based on Dell analysis, November 2019.

<sup>4</sup>Based on Dell analysis using publicly available data, January 2020. The smallest refers total surface area of the mobile workstations.

<sup>5</sup>Based on publicly available information.

<sup>6</sup>Based on Dell internal analysis of workstation applications, July 2020.

<sup>7</sup>Based on internal analysis of publicly available information and 3rd party testing conducted by Bapco – Mobile Mark 18.

<sup>8</sup>Based on Dell analysis using publicly available information regarding Apple iMac Pro, July 2020. Dell Precision workstations are available with commercial-grade Intel® Xeon® processors, which support Dell's exclusive reliability software, Reliable Memory Technology Pro.

<sup>9</sup>Based on internal analysis of publicly available information. Dell offers a 3-year limited standard warranty, while Apple offers a standard 1-year limited warranty, based on Dell and Apple online product pages. Limited Hardware Warranty is available at [dell.com/warranty](http://dell.com/warranty).

#### **Regional Restrictions:**

Claims have restrictions in certain countries and cannot be used.

Dell vs. Unnamed Competitor claim cannot be used in : Russia, Taiwan, Vietnam, Chile, China, Hong Kong, Korea, Malaysia, South Africa, Ukraine, or Venezuela.

Dell v Dell claims based on internal analysis cannot be used in: Costa Rica, Russia, South Africa, Ukraine and Venezuela.

#### **Geographic Restrictions:**

Claim below cannot be used in the following countries: Dell v Unnamed Company based on internal analysis: Do not use in Chile, China, Colombia, Costa Rica, Guatemala, Hong Kong, Korea, Malaysia, Russia, South Africa, Taiwan, Ukraine, Venezuela and Vietnam.