

# Interactive Part Locator

## HP ZBook Studio G8 Mobile Workstation

Welcome to the interactive part locator for the  
HP ZBook Studio G8 Mobile Workstation

### Here's how to use it...

[External Views](#) (Click the link to navigate to the views)

On this page you will find large icons of each of the external views of this product. To view a specific view in greater detail, simply click that view.

[Parts List](#) (Click the link to navigate to the parts)

On this page, you will find a list of all of the replaceable parts for this product. To view a specific part and its location in the product, click the part name in the list.

**That's it! On every page there is a link that brings you back to either the External Views or the Parts List, enabling you to navigate to whatever view or part you wish to review.**

 To exit or enter full screen mode, press Ctrl + L on your keyboard

# External Views

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Front



Left



Right



Rear



Display



Top



Bottom



Internal

[Go to Parts List](#)

# Front View

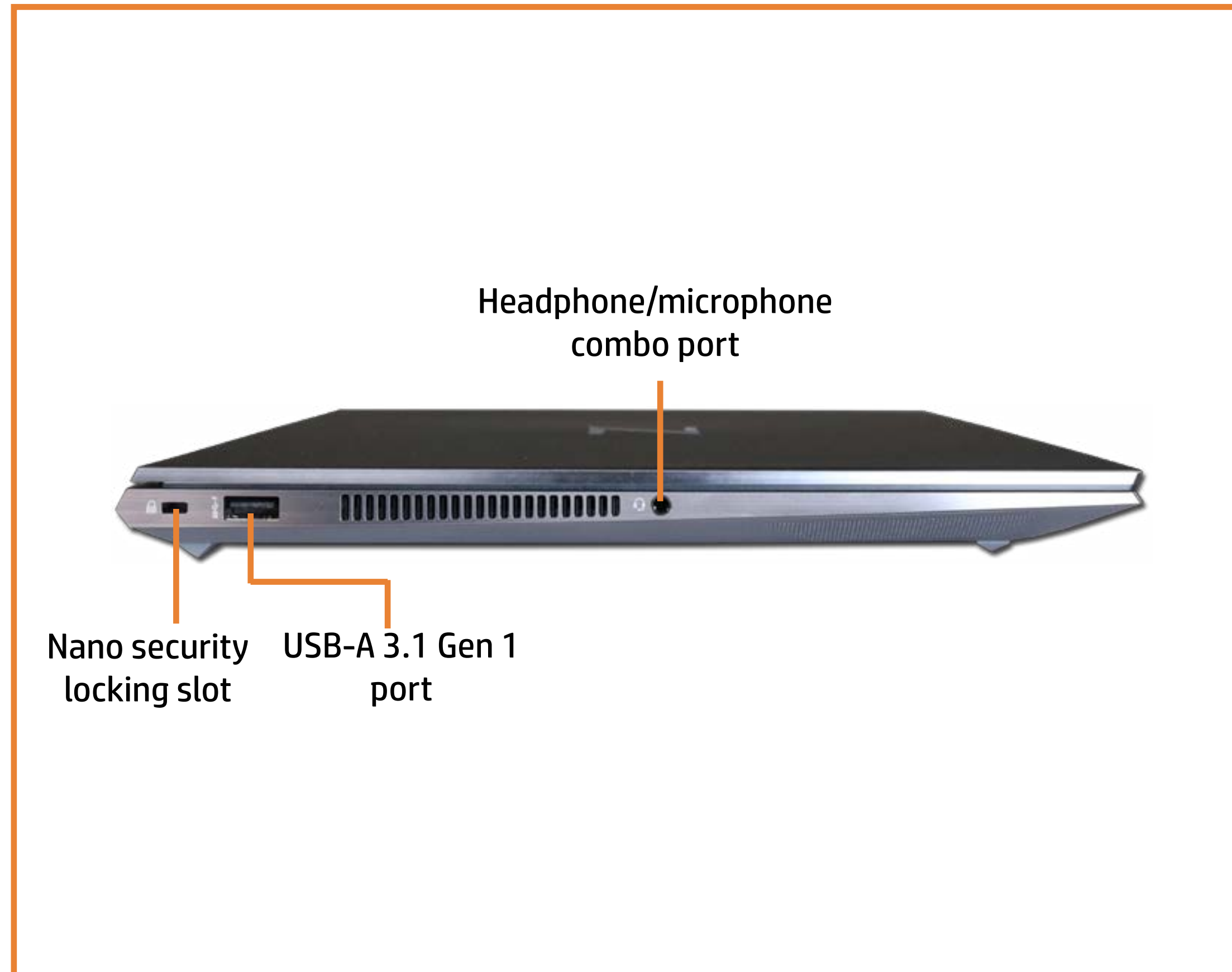
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## Left View

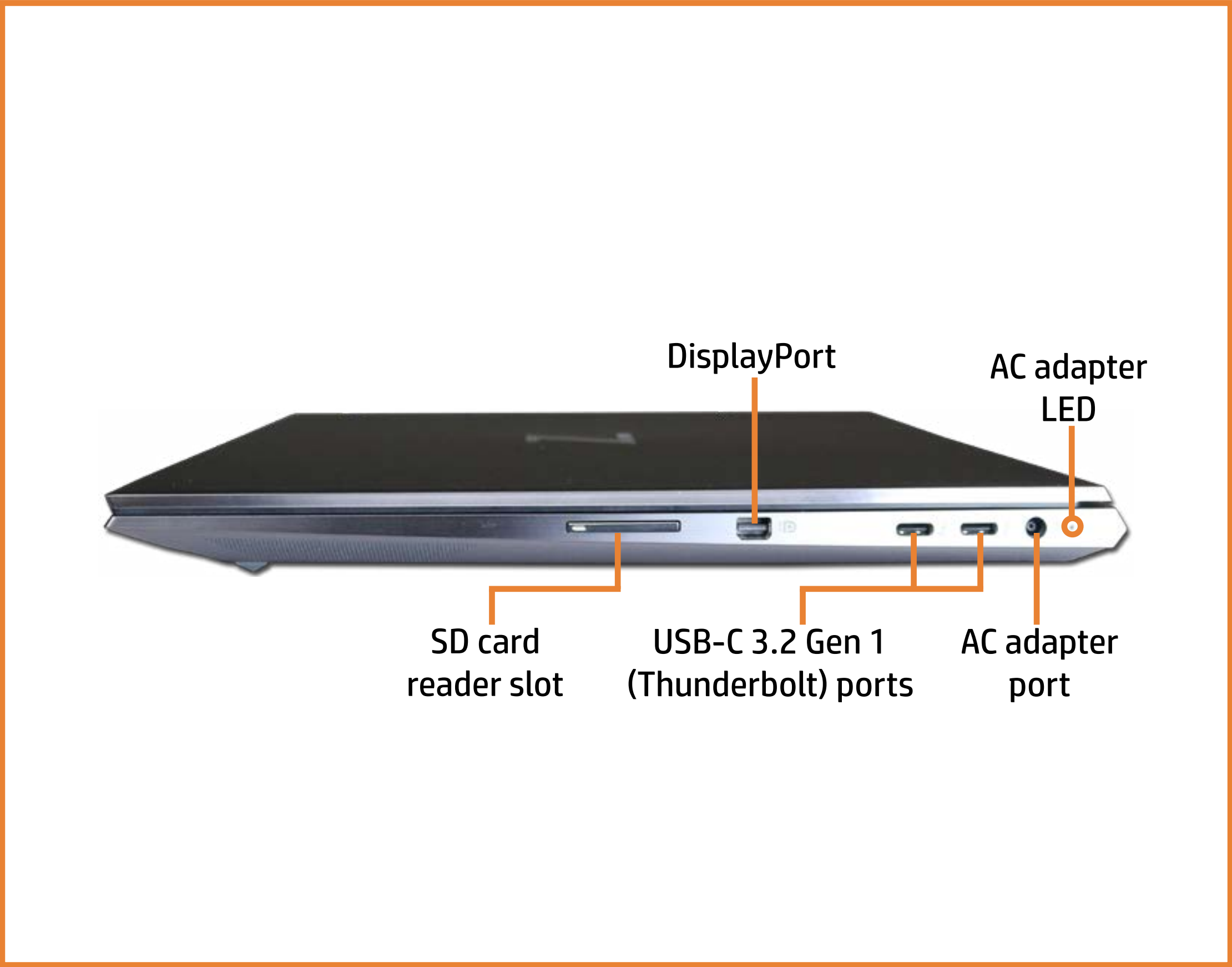
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# Right View

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# Rear View

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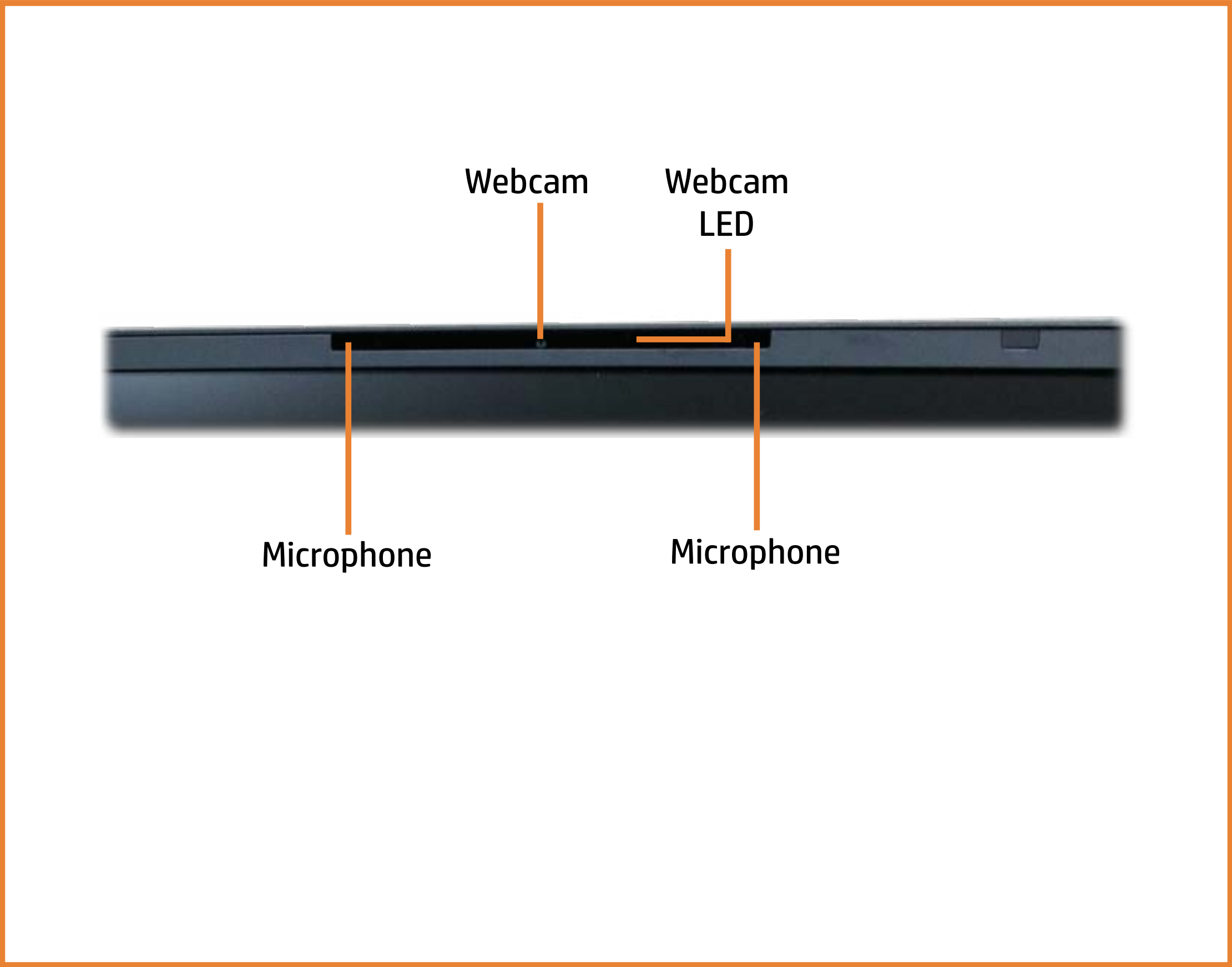


Hinge

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# Display View

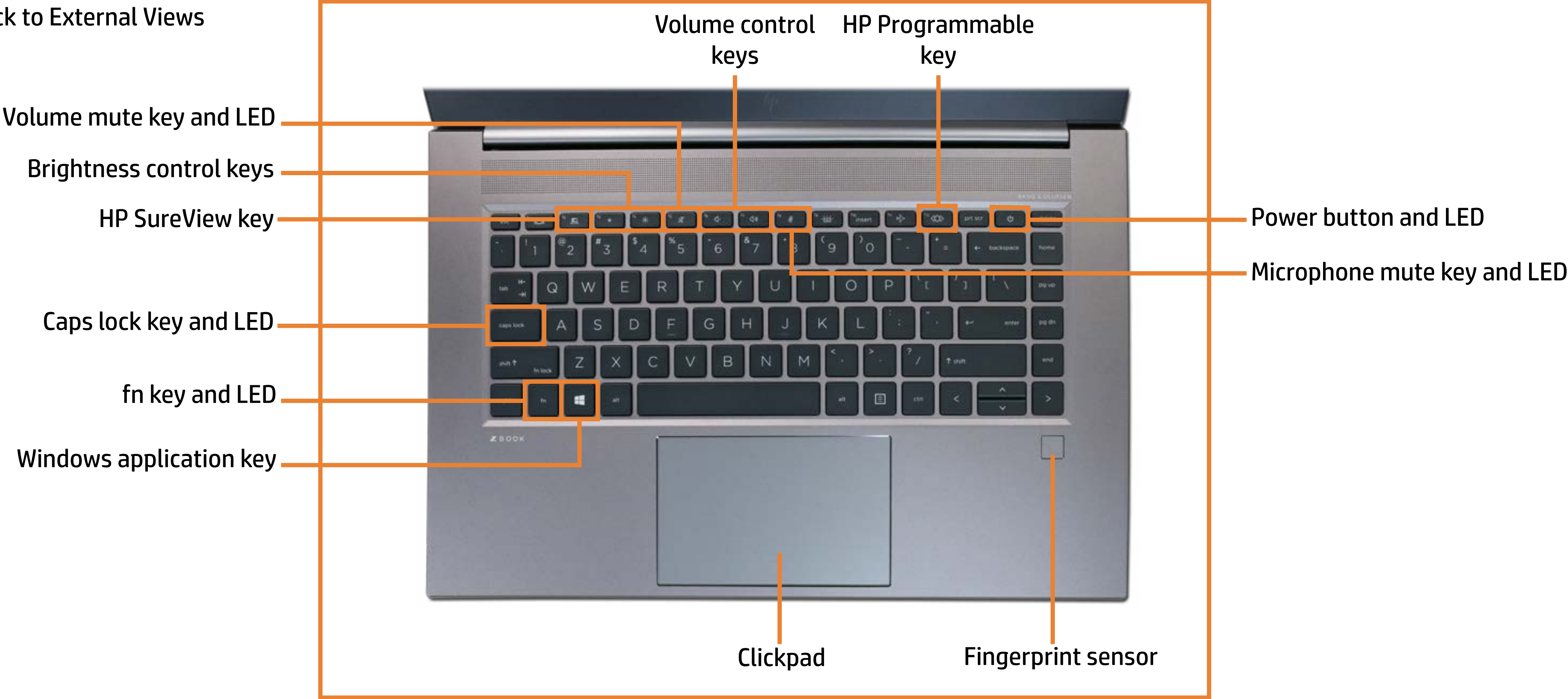
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# Top View

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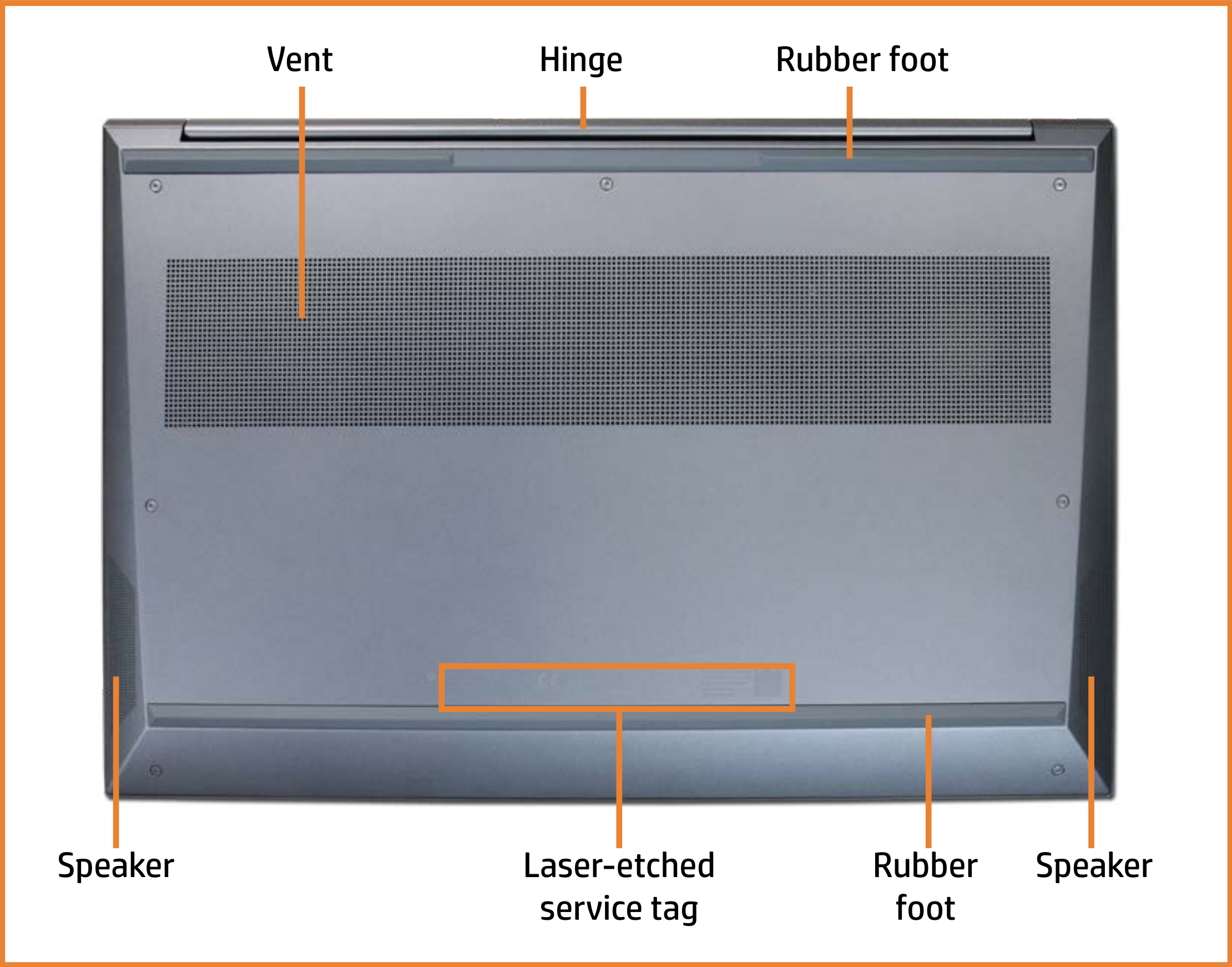


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# Bottom View

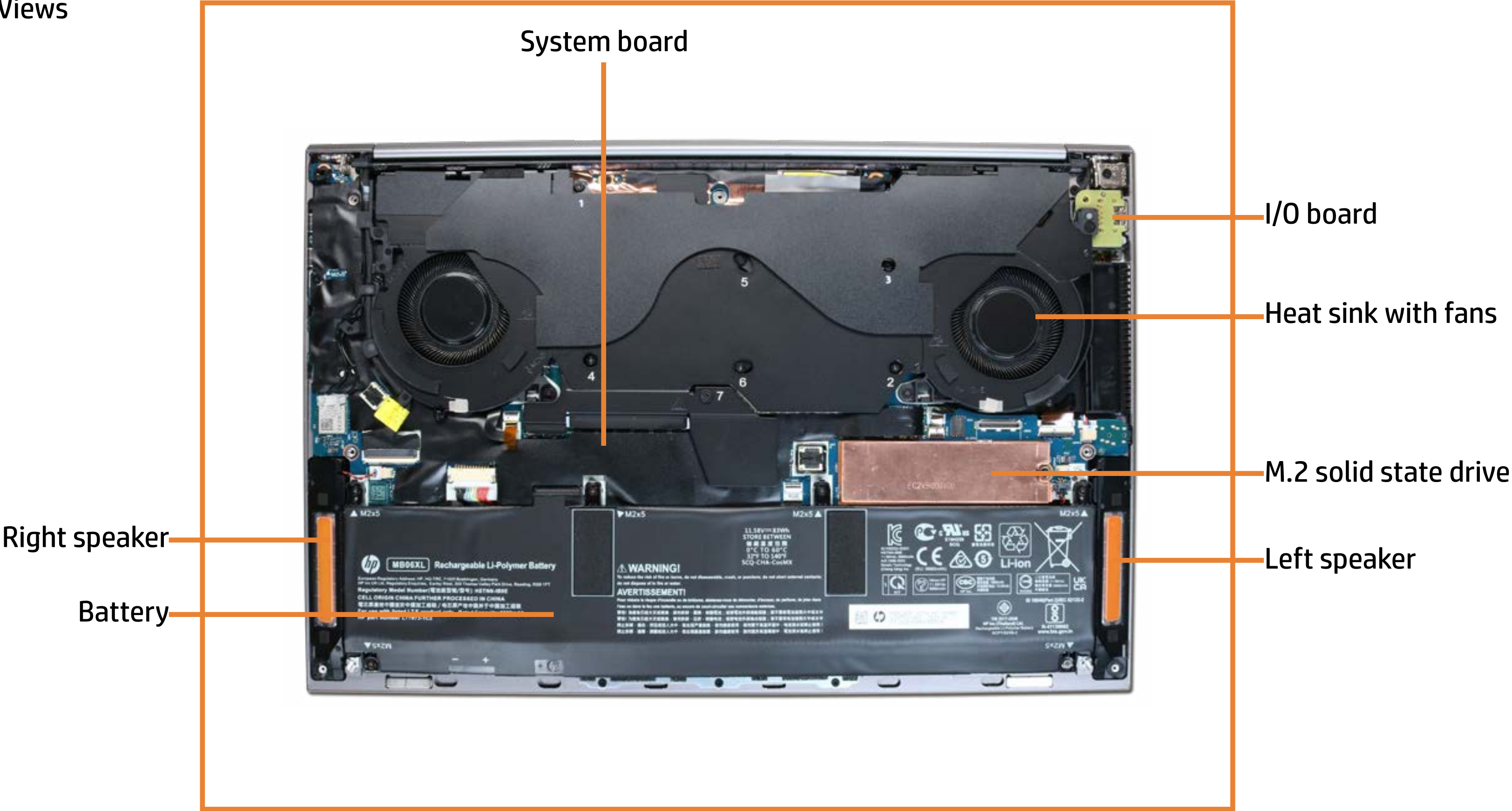
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# Internal View

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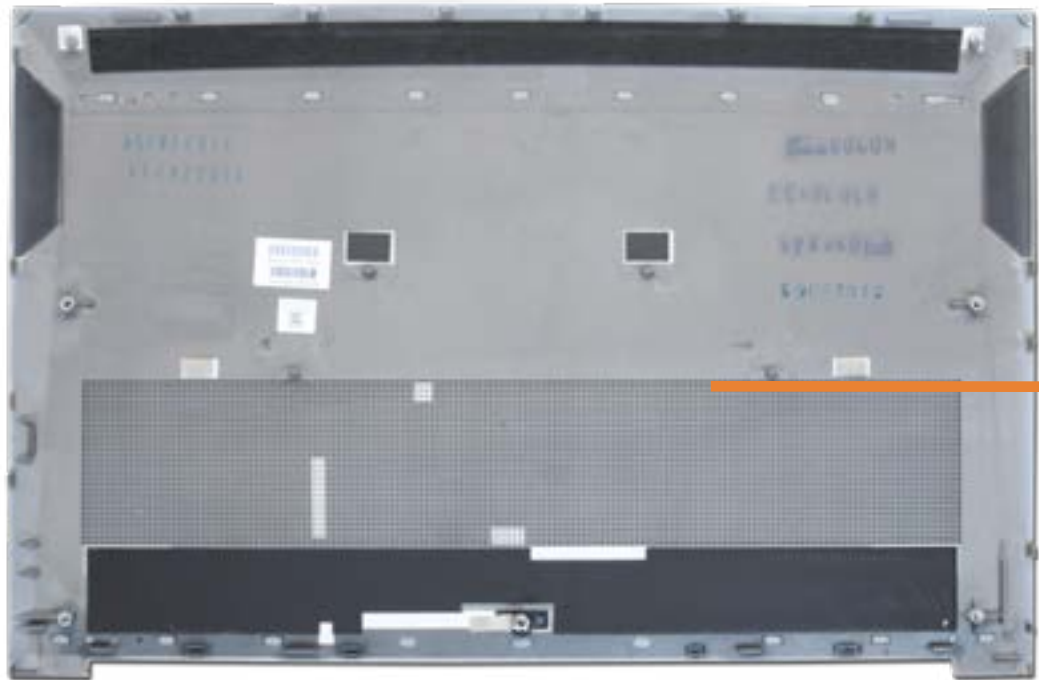
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# Base Enclosure

Base Enclosure

- Battery
- M.2 Solid State Drive
- Heat Sink with Fans
- (NVIDIA GeForce GPU)
- Heat Sink with Fans
- (NVIDIA Quadro GPU)
- RTC Battery
- Left and Right Speakers
- Keyboard Controller Board
- Fingerprint Reader
- I/O Board
- System Board (top)
- (NVIDIA GeForce GPU)
- System Board (bottom)
- (NVIDIA GeForce GPU)
- System Board (top)
- (NVIDIA Quadro GPU)
- System Board (bottom)
- (NVIDIA Quadro GPU)
- Touchpad
- Top Speaker
- Support Bracket
- Top Cover with Keyboard
- Display Panel Assembly



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# Battery

Base Enclosure

Battery

M.2 Solid State Drive

Heat Sink with Fans

(NVIDIA GeForce GPU)

Heat Sink with Fans

(NVIDIA Quadro GPU)

RTC Battery

Left and Right Speakers

Keyboard Controller Board

Fingerprint Reader

I/O Board

System Board (top)

(NVIDIA GeForce GPU)

System Board (bottom)

(NVIDIA GeForce GPU)

System Board (top)

(NVIDIA Quadro GPU)

System Board (bottom)

(NVIDIA Quadro GPU)

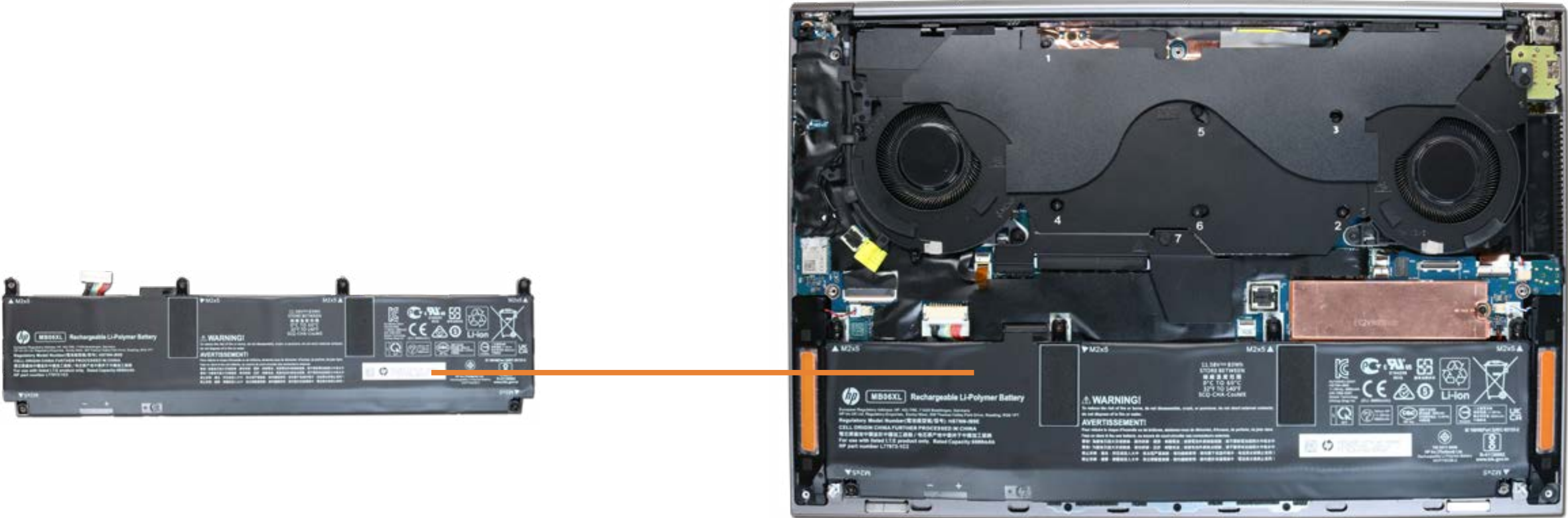
Touchpad

Top Speaker

Support Bracket

Top Cover with Keyboard

Display Panel Assembly



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# M.2 Solid State Drive

Base Enclosure

Battery

M.2 Solid State Drive

Heat Sink with Fans

(NVIDIA GeForce GPU)

Heat Sink with Fans

(NVIDIA Quadro GPU)

RTC Battery

Left and Right Speakers

Keyboard Controller Board

Fingerprint Reader

I/O Board

System Board (top)

(NVIDIA GeForce GPU)

System Board (bottom)

(NVIDIA GeForce GPU)

System Board (top)

(NVIDIA Quadro GPU)

System Board (bottom)

(NVIDIA Quadro GPU)

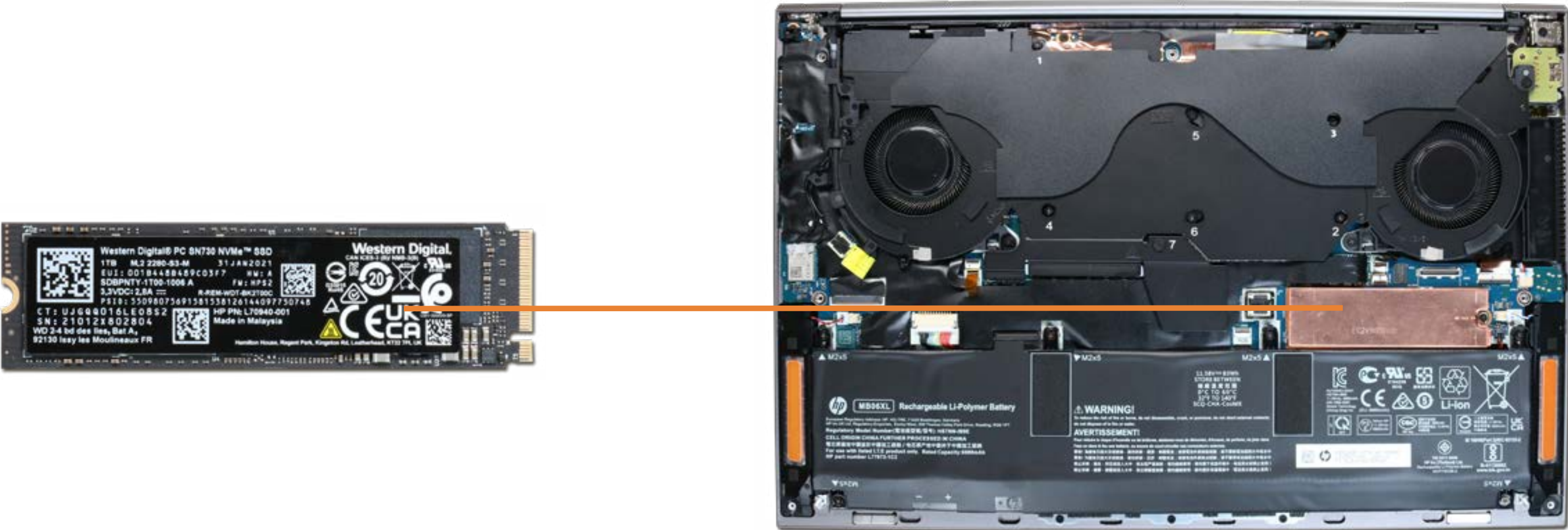
Touchpad

Top Speaker

Support Bracket

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Display Panel Assembly



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# Heat Sink with Fans (NVIDIA GeForce GPU)

Base Enclosure

Battery

M.2 Solid State Drive

Heat Sink with Fans  
(NVIDIA GeForce GPU)

Heat Sink with Fans  
(NVIDIA Quadro GPU)

RTC Battery

Left and Right Speakers

Keyboard Controller Board

Fingerprint Reader

I/O Board

System Board (top)  
(NVIDIA GeForce GPU)

System Board (bottom)  
(NVIDIA GeForce GPU)

System Board (top)  
(NVIDIA Quadro GPU)

System Board (bottom)  
(NVIDIA Quadro GPU)

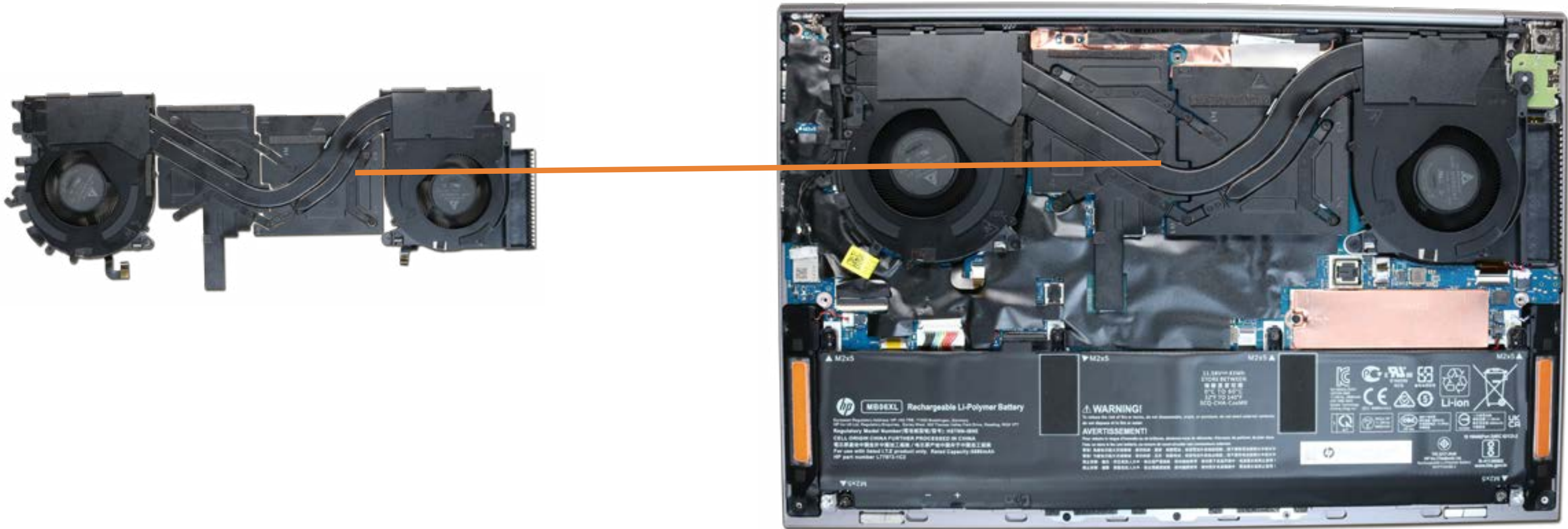
Touchpad

Top Speaker

Support Bracket

Top Cover with Keyboard

Display Panel Assembly

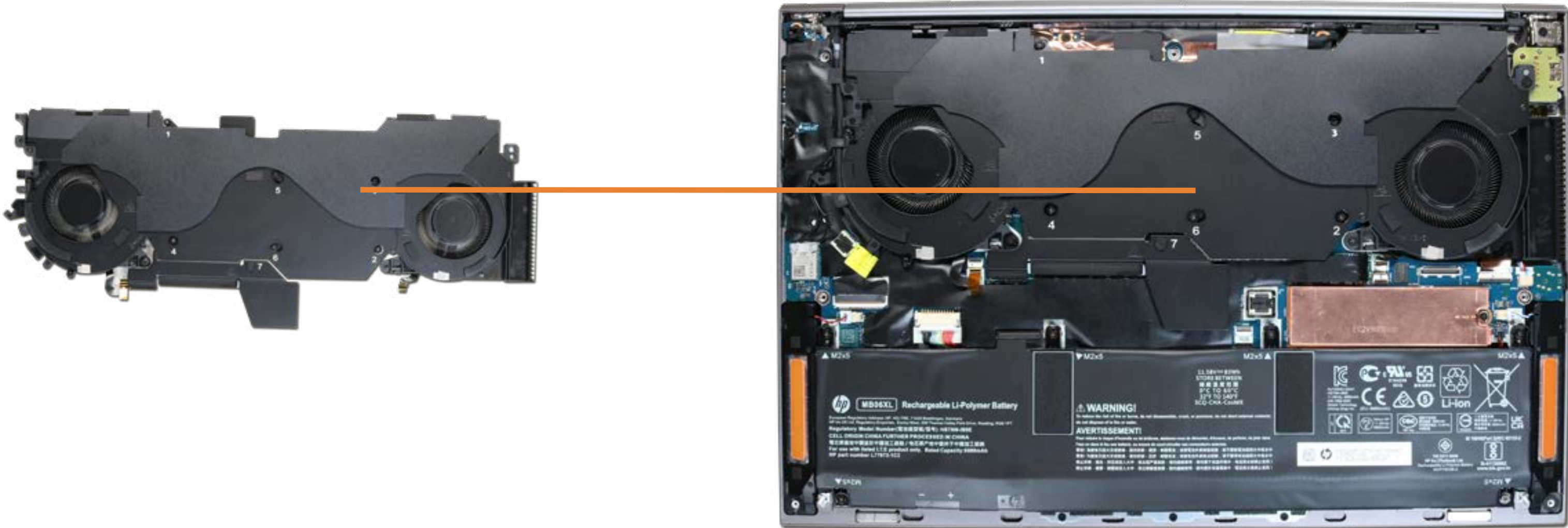


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# Heat Sink with Fans (NVIDIA Quadro GPU)

- Base Enclosure
- Battery
- M.2 Solid State Drive
- Heat Sink with Fans (NVIDIA GeForce GPU)
- Heat Sink with Fans (NVIDIA Quadro GPU)**
- RTC Battery
- Left and Right Speakers
- Keyboard Controller Board
- Fingerprint Reader
- I/O Board
- System Board (top) (NVIDIA GeForce GPU)
- System Board (bottom) (NVIDIA GeForce GPU)
- System Board (top) (NVIDIA Quadro GPU)
- System Board (bottom) (NVIDIA Quadro GPU)
- Touchpad
- Top Speaker
- Support Bracket
- Top Cover with Keyboard
- Display Panel Assembly



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# RTC Battery

Base Enclosure

Battery

M.2 Solid State Drive

Heat Sink with Fans

(NVIDIA GeForce GPU)

Heat Sink with Fans

(NVIDIA Quadro GPU)

RTC Battery

Left and Right Speakers

Keyboard Controller Board

Fingerprint Reader

I/O Board

System Board (top)

(NVIDIA GeForce GPU)

System Board (bottom)

(NVIDIA GeForce GPU)

System Board (top)

(NVIDIA Quadro GPU)

System Board (bottom)

(NVIDIA Quadro GPU)

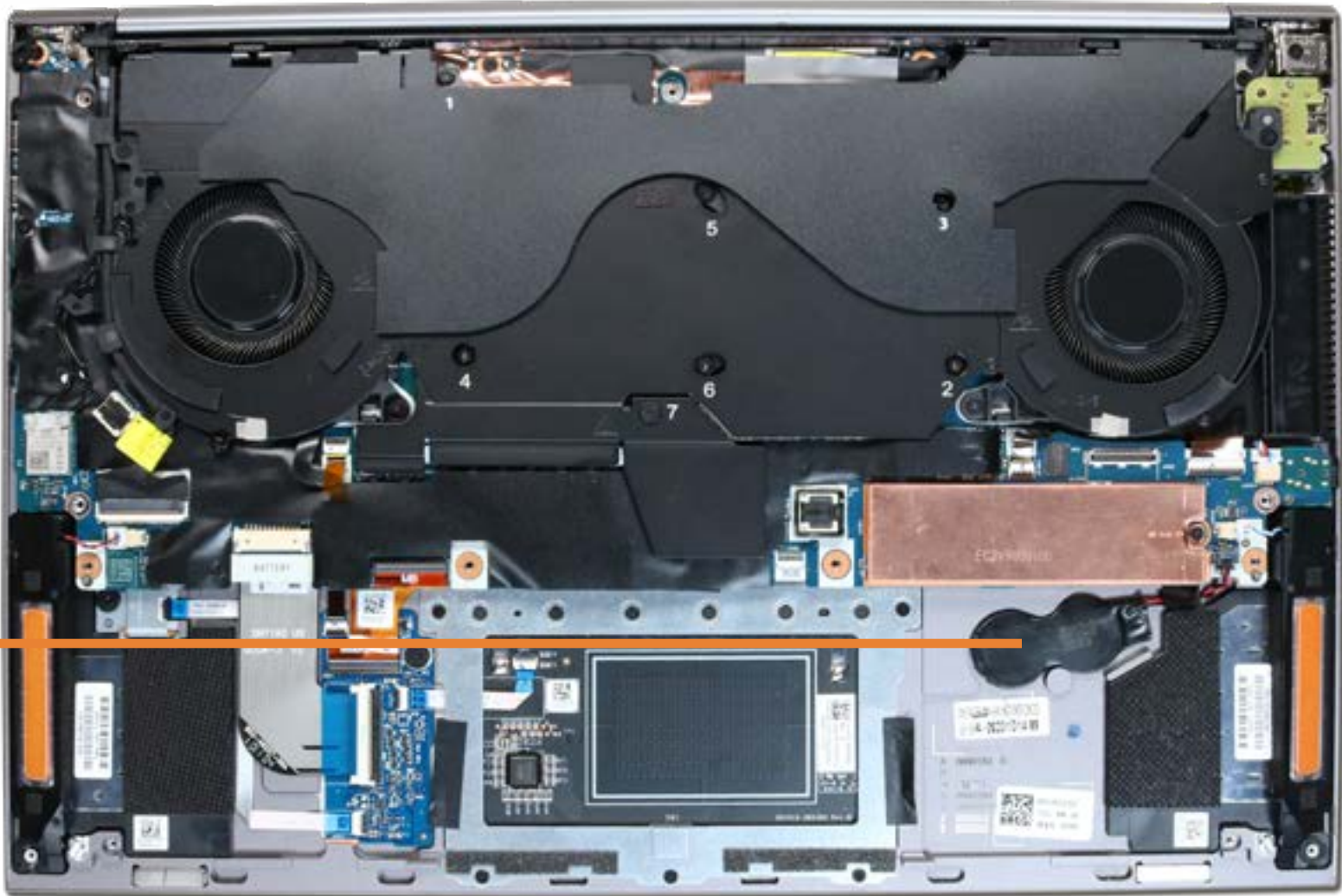
Touchpad

Top Speaker

Support Bracket

Top Cover with Keyboard

Display Panel Assembly



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# Left and Right Speakers

Base Enclosure

Battery

M.2 Solid State Drive

Heat Sink with Fans  
(NVIDIA GeForce GPU)

Heat Sink with Fans  
(NVIDIA Quadro GPU)

RTC Battery

**Left and Right Speakers**

Keyboard Controller Board

Fingerprint Reader

I/O Board

System Board (top)

(NVIDIA GeForce GPU)

System Board (bottom)

(NVIDIA GeForce GPU)

System Board (top)

(NVIDIA Quadro GPU)

System Board (bottom)

(NVIDIA Quadro GPU)

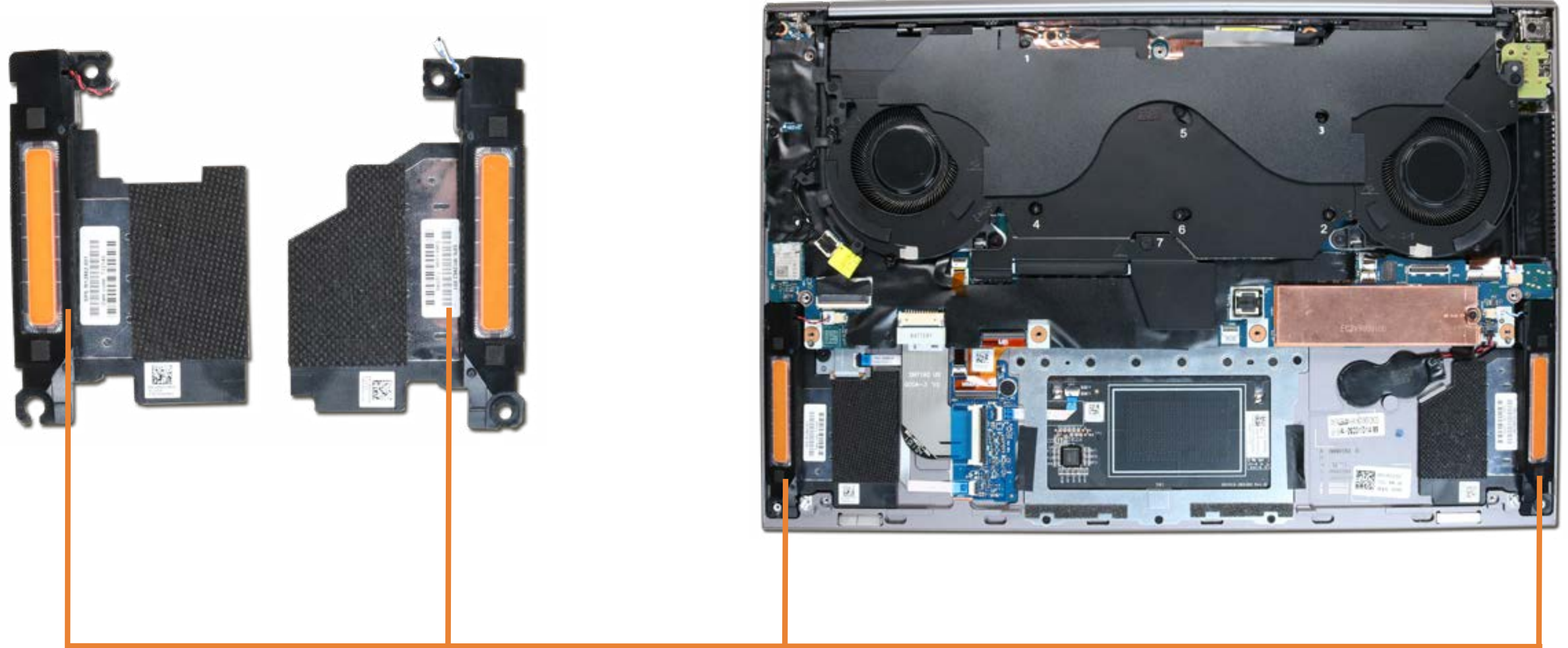
Touchpad

Top Speaker

Support Bracket

Top Cover with Keyboard

Display Panel Assembly



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# Keyboard Controller Board

Base Enclosure

Battery

M.2 Solid State Drive

Heat Sink with Fans

(NVIDIA GeForce GPU)

Heat Sink with Fans

(NVIDIA Quadro GPU)

RTC Battery

Left and Right Speakers

**Keyboard Controller Board**

Fingerprint Reader

I/O Board

System Board (top)

(NVIDIA GeForce GPU)

System Board (bottom)

(NVIDIA GeForce GPU)

System Board (top)

(NVIDIA Quadro GPU)

System Board (bottom)

(NVIDIA Quadro GPU)

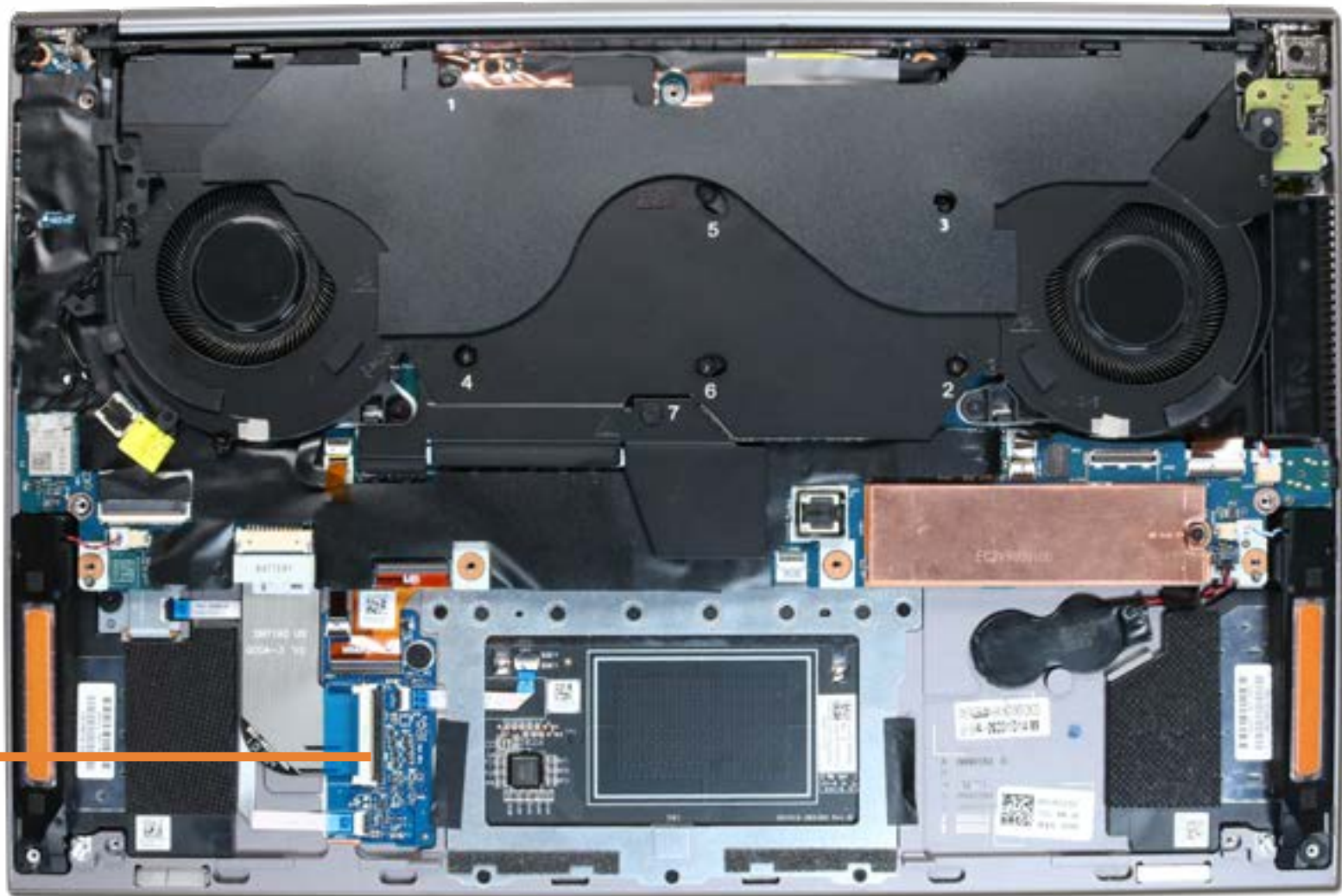
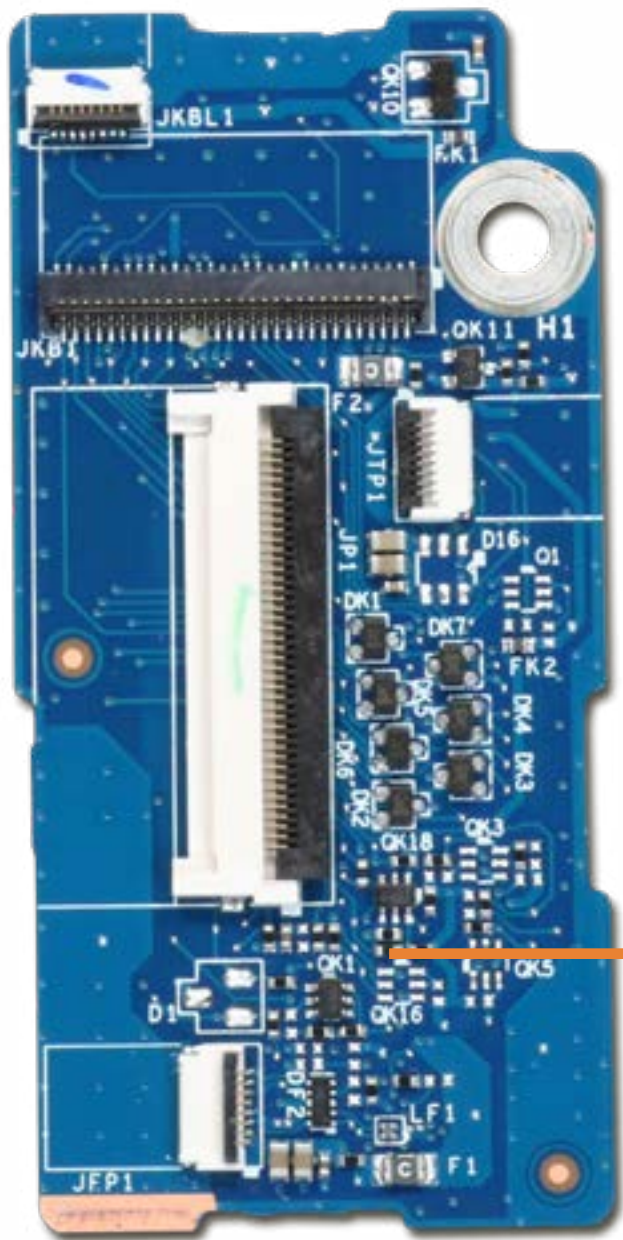
Touchpad

Top Speaker

Support Bracket

Top Cover with Keyboard

Display Panel Assembly

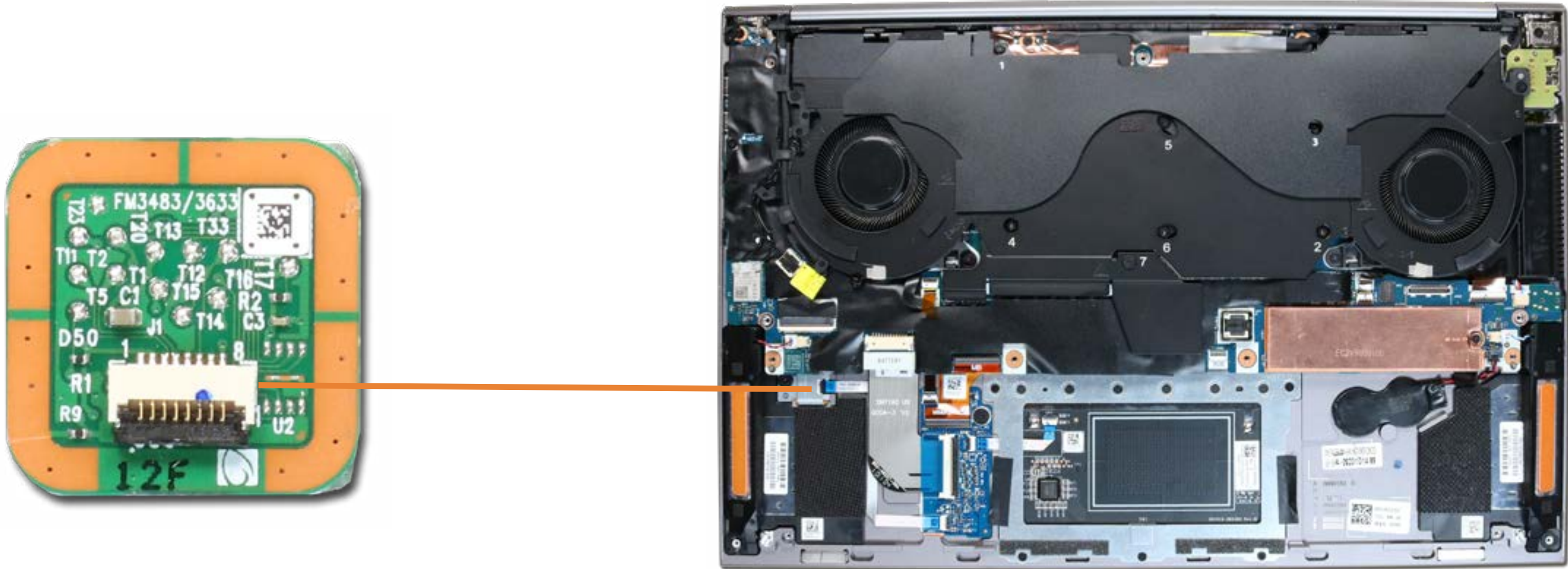


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# Fingerprint Reader

- Base Enclosure
- Battery
- M.2 Solid State Drive
- Heat Sink with Fans (NVIDIA GeForce GPU)
- Heat Sink with Fans (NVIDIA Quadro GPU)
- RTC Battery
- Left and Right Speakers
- Keyboard Controller Board
- Fingerprint Reader**
- I/O Board
- System Board (top) (NVIDIA GeForce GPU)
- System Board (bottom) (NVIDIA GeForce GPU)
- System Board (top) (NVIDIA Quadro GPU)
- System Board (bottom) (NVIDIA Quadro GPU)
- Touchpad
- Top Speaker
- Support Bracket
- Top Cover with Keyboard
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# I/O Board

Base Enclosure

Battery

M.2 Solid State Drive

Heat Sink with Fans  
(NVIDIA GeForce GPU)

Heat Sink with Fans  
(NVIDIA Quadro GPU)

RTC Battery

Left and Right Speakers

Keyboard Controller Board

Fingerprint Reader

**I/O Board**

System Board (top)

(NVIDIA GeForce GPU)

System Board (bottom)

(NVIDIA GeForce GPU)

System Board (top)

(NVIDIA Quadro GPU)

System Board (bottom)

(NVIDIA Quadro GPU)

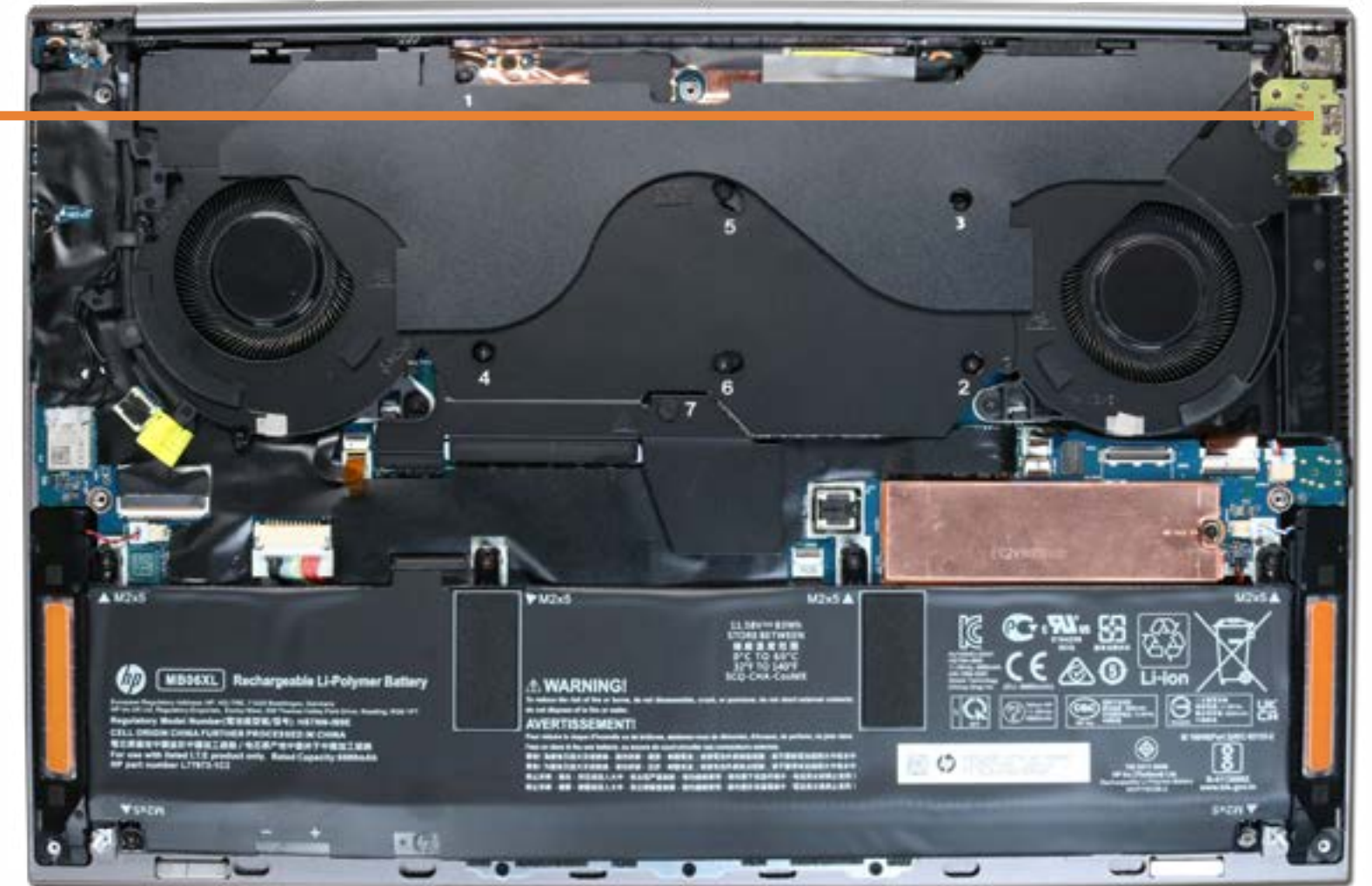
Touchpad

Top Speaker

Support Bracket

Top Cover with Keyboard

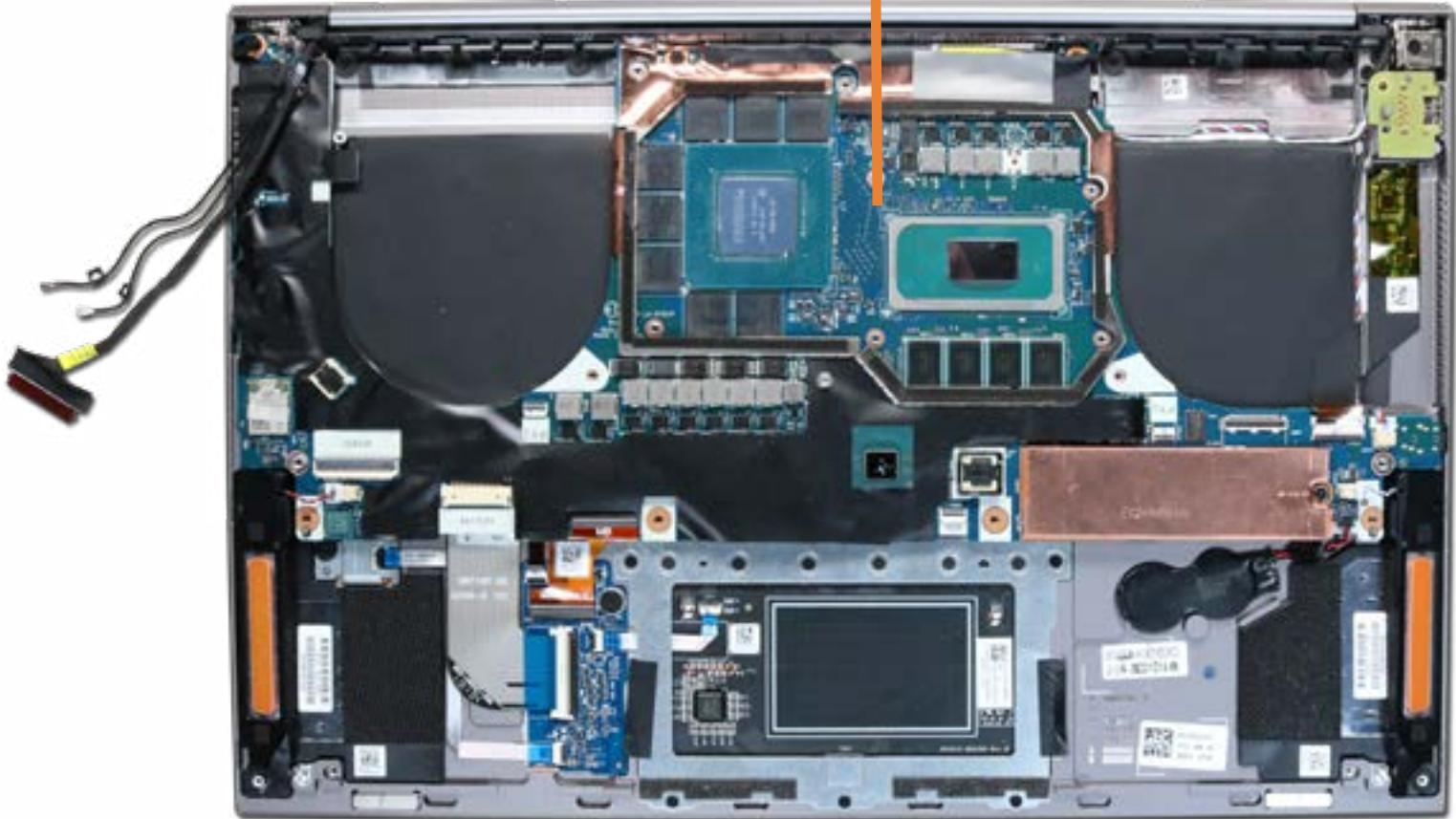
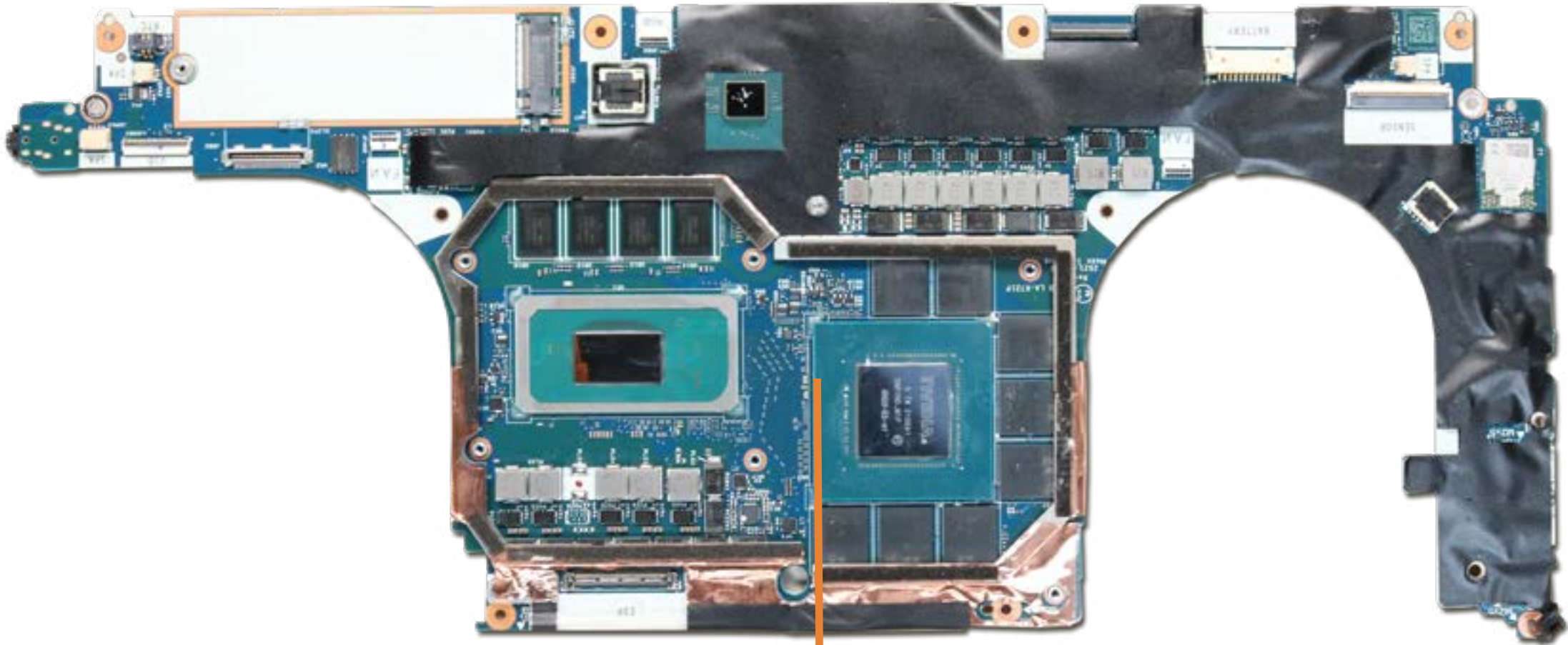
Display Panel Assembly



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# System Board (top) (NVIDIA GeForce GPU)



- Base Enclosure
- Battery
- M.2 Solid State Drive
- Heat Sink with Fans (NVIDIA GeForce GPU)
- Heat Sink with Fans (NVIDIA Quadro GPU)
- RTC Battery
- Left and Right Speakers
- Keyboard Controller Board
- Fingerprint Reader
- I/O Board
- System Board (top) (NVIDIA GeForce GPU)**
- System Board (bottom) (NVIDIA GeForce GPU)
- System Board (top) (NVIDIA Quadro GPU)
- System Board (bottom) (NVIDIA Quadro GPU)
- Touchpad
- Top Speaker
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- Display Panel Assembly

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## System Board (bottom) (NVIDIA GeForce GPU)

Base Enclosure

Battery

M.2 Solid State Drive

Heat Sink with Fans  
(NVIDIA GeForce GPU)

Heat Sink with Fans  
(NVIDIA Quadro GPU)

RTC Battery

Left and Right Speakers

Keyboard Controller Board

Fingerprint Reader

I/O Board

System Board (top)

(NVIDIA GeForce GPU)

System Board (bottom)  
(NVIDIA GeForce GPU)

System Board (top)

(NVIDIA Quadro GPU)

System Board (bottom)  
(NVIDIA Quadro GPU)

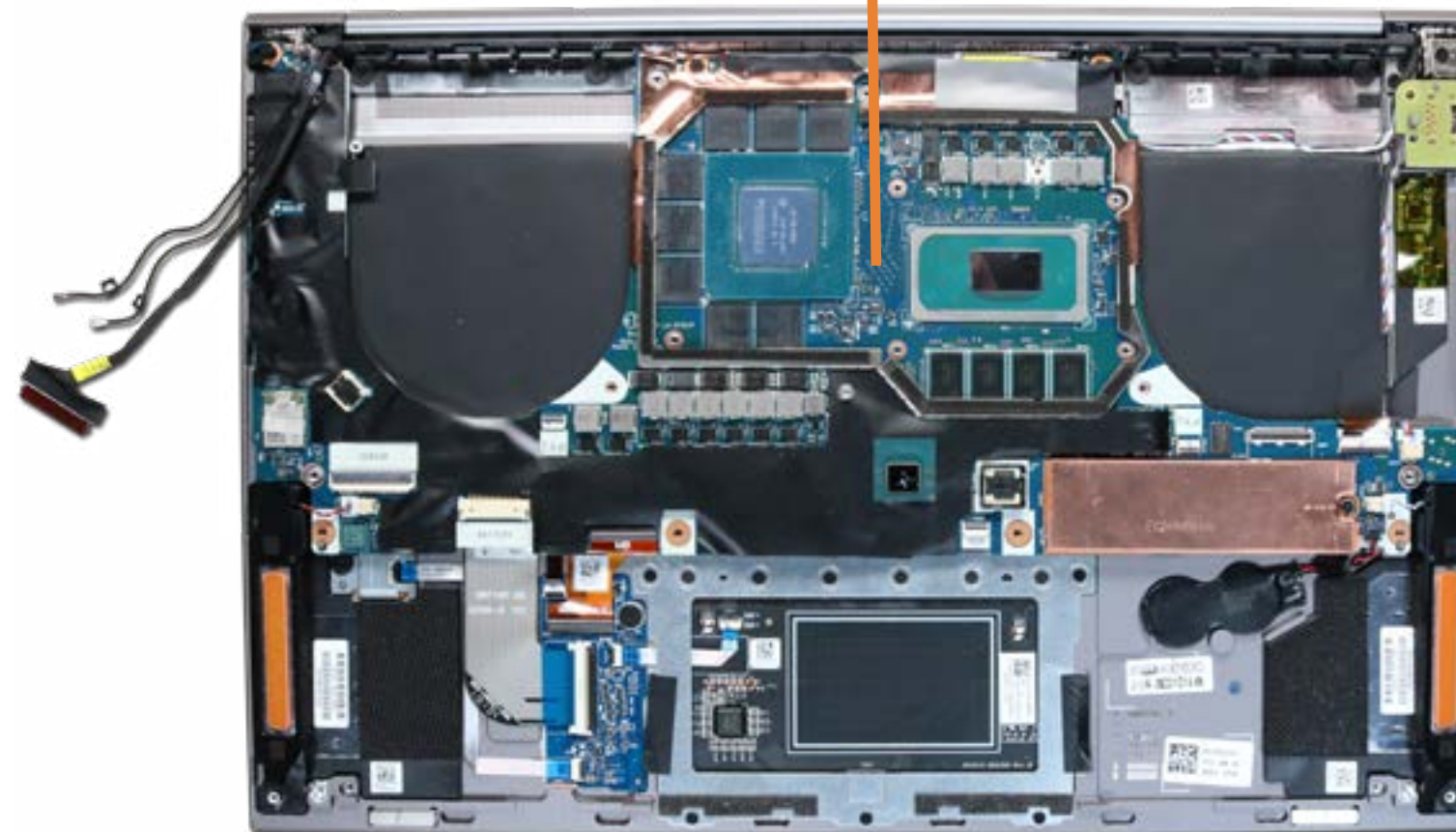
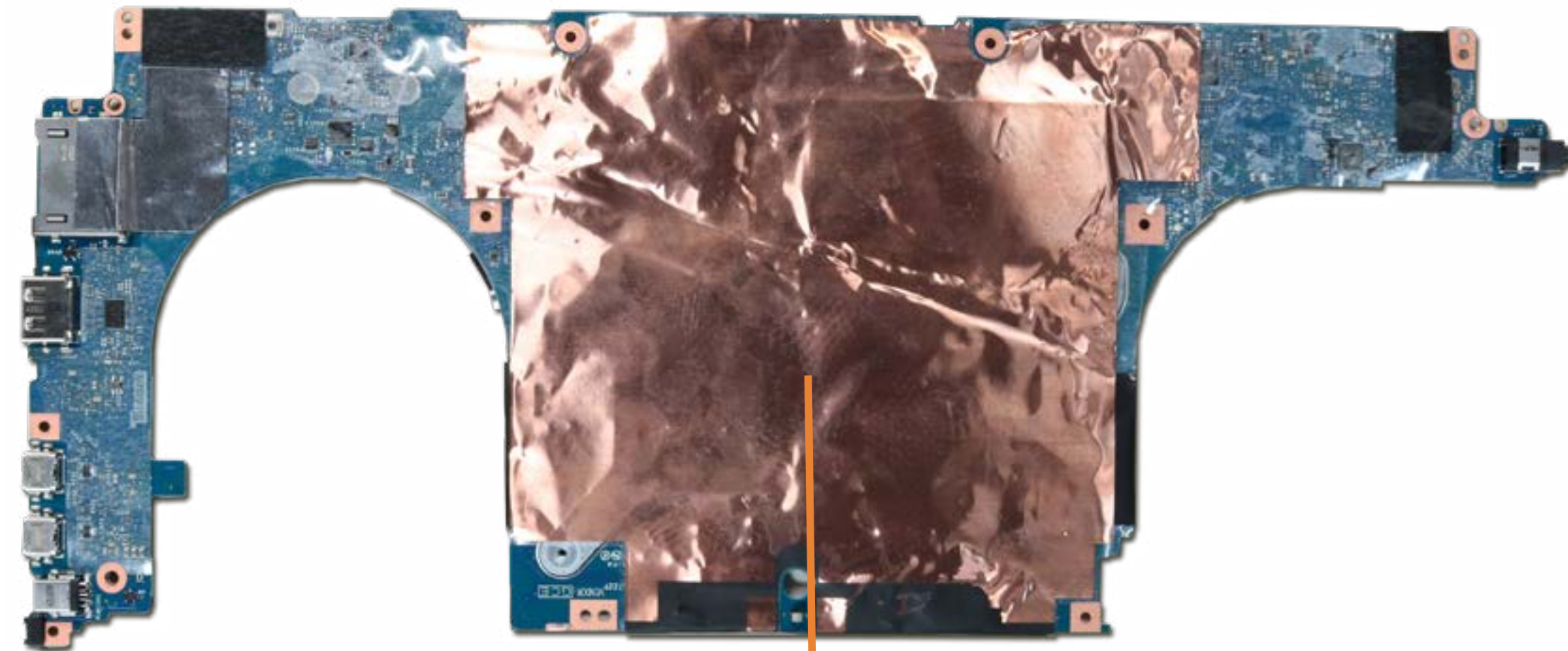
Touchpad

Top Speaker

Support Bracket

Top Cover with Keyboard

Display Panel Assembly

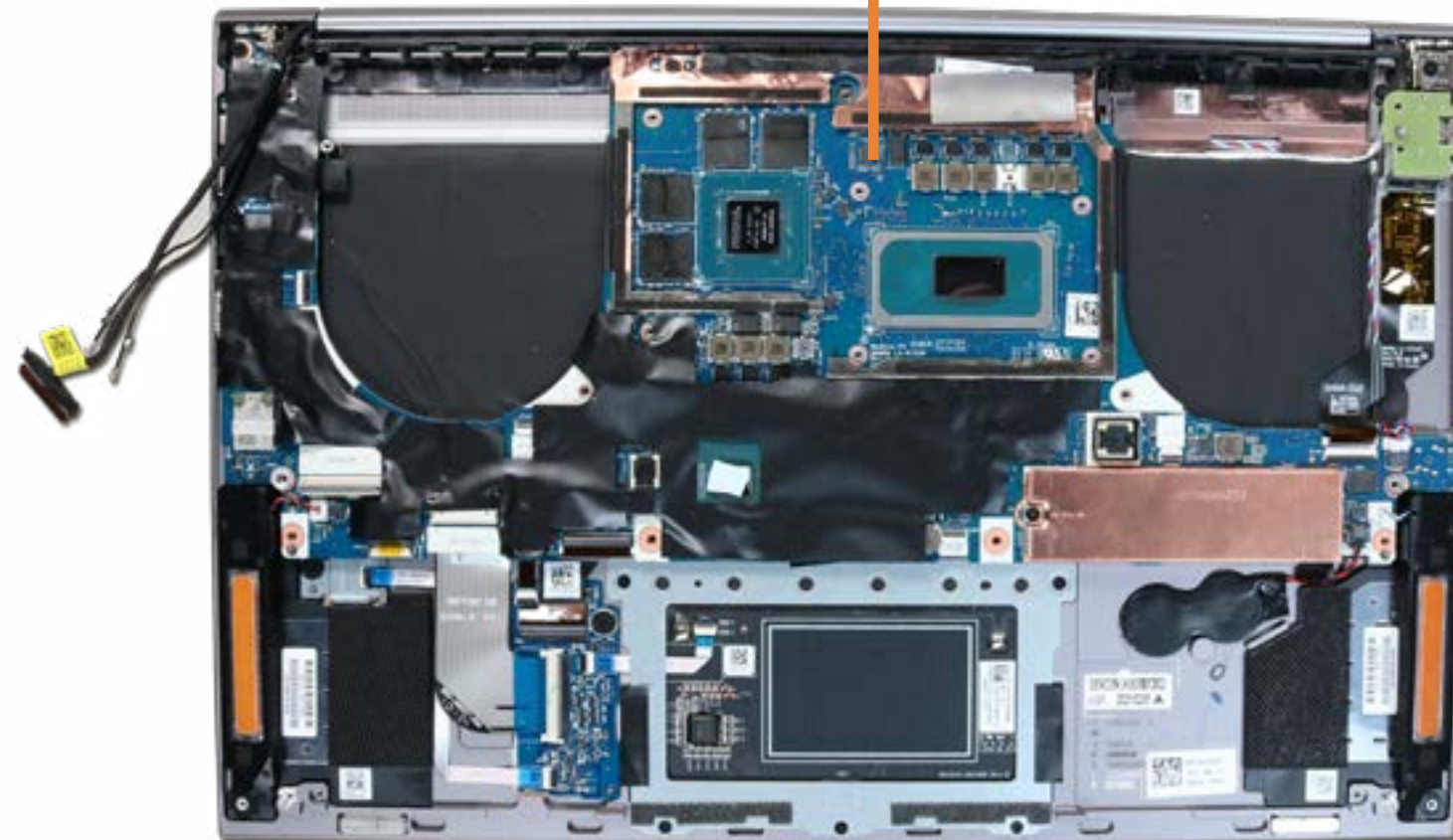
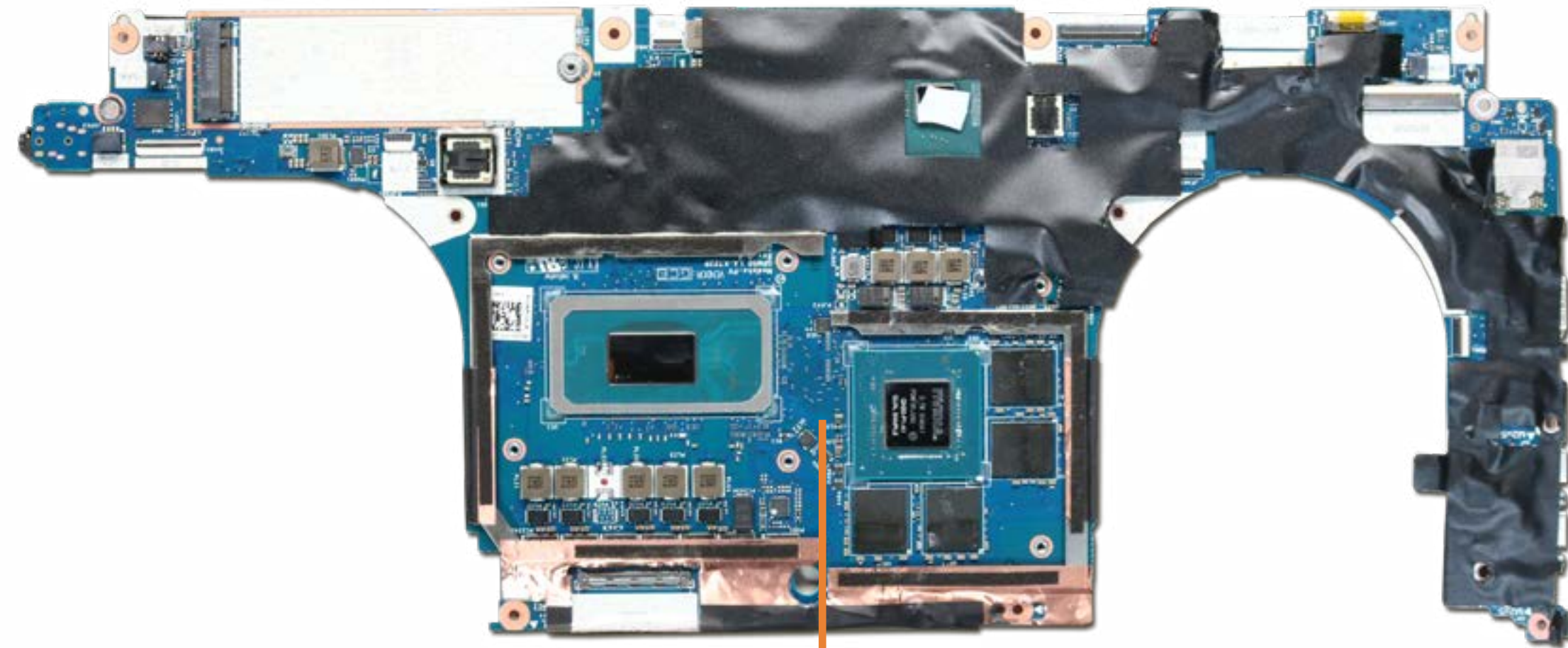


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## System Board (top) (NVIDIA Quadro GPU)

Base Enclosure  
Battery  
M.2 Solid State Drive  
Heat Sink with Fans  
(NVIDIA GeForce GPU)  
Heat Sink with Fans  
(NVIDIA Quadro GPU)  
RTC Battery  
Left and Right Speakers  
Keyboard Controller Board  
Fingerprint Reader  
I/O Board  
System Board (top)  
(NVIDIA GeForce GPU)  
System Board (bottom)  
(NVIDIA GeForce GPU)  
**System Board (top)  
(NVIDIA Quadro GPU)**  
System Board (bottom)  
(NVIDIA Quadro GPU)  
Touchpad  
Top Speaker  
Support Bracket  
Top Cover with Keyboard  
Display Panel Assembly



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## System Board (bottom) (NVIDIA Quadro GPU)

Base Enclosure

Battery

M.2 Solid State Drive

Heat Sink with Fans  
(NVIDIA GeForce GPU)

Heat Sink with Fans  
(NVIDIA Quadro GPU)

RTC Battery

Left and Right Speakers

Keyboard Controller Board

Fingerprint Reader

I/O Board

System Board (top)

(NVIDIA GeForce GPU)

System Board (bottom)

(NVIDIA GeForce GPU)

System Board (top)

(NVIDIA Quadro GPU)

System Board (bottom)

(NVIDIA Quadro GPU)

Touchpad

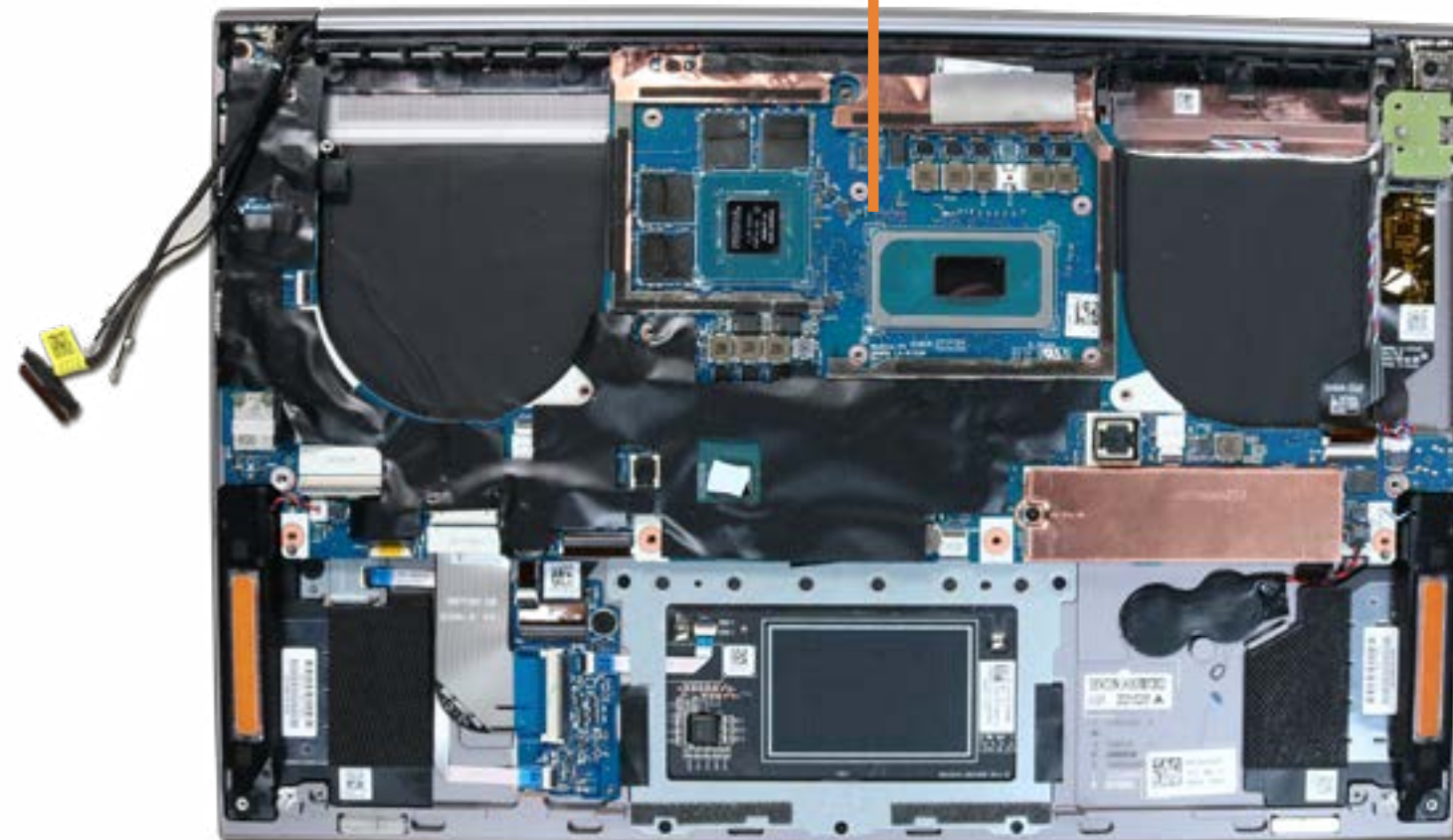
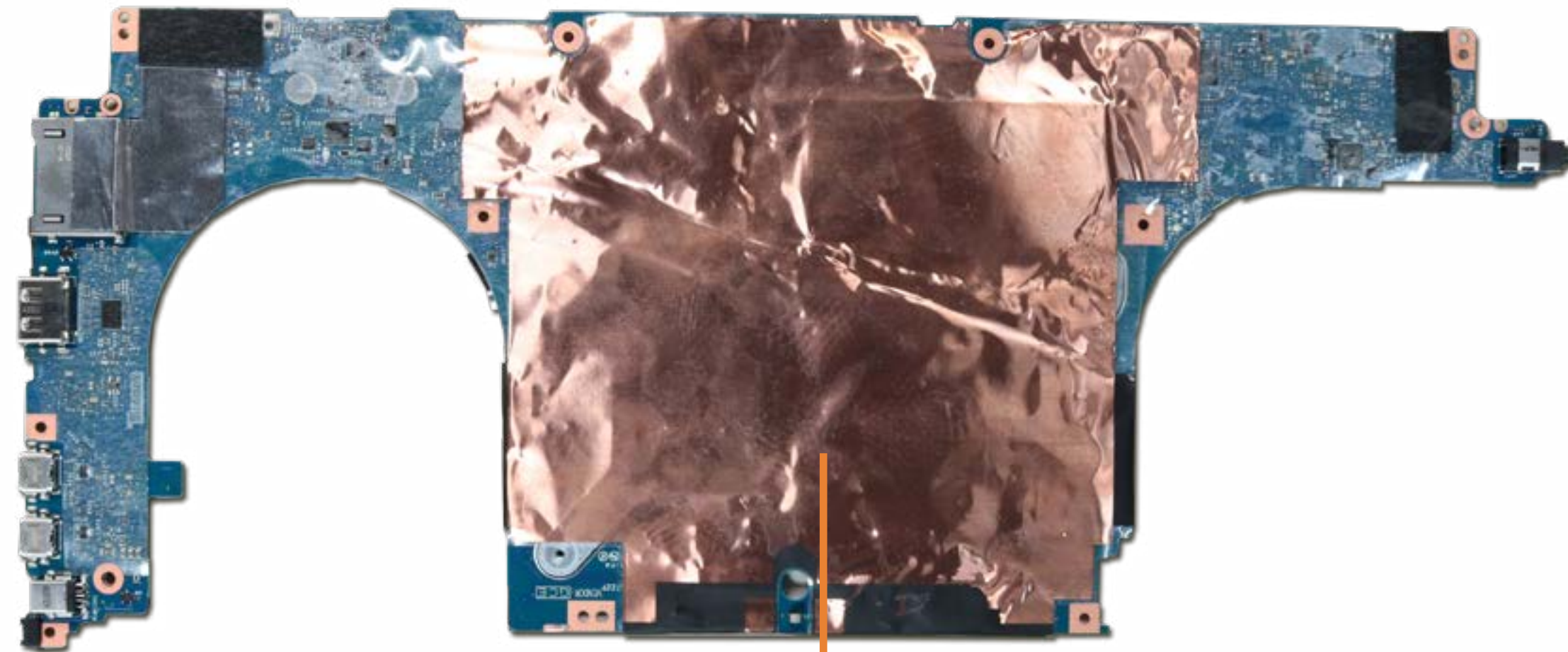
Top Speaker

Support Bracket

Top Cover with Keyboard

Display Panel Assembly

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# Touchpad

Base Enclosure

Battery

M.2 Solid State Drive

Heat Sink with Fans

(NVIDIA GeForce GPU)

Heat Sink with Fans

(NVIDIA Quadro GPU)

RTC Battery

Left and Right Speakers

Keyboard Controller Board

Fingerprint Reader

I/O Board

System Board (top)

(NVIDIA GeForce GPU)

System Board (bottom)

(NVIDIA GeForce GPU)

System Board (top)

(NVIDIA Quadro GPU)

System Board (bottom)

(NVIDIA Quadro GPU)

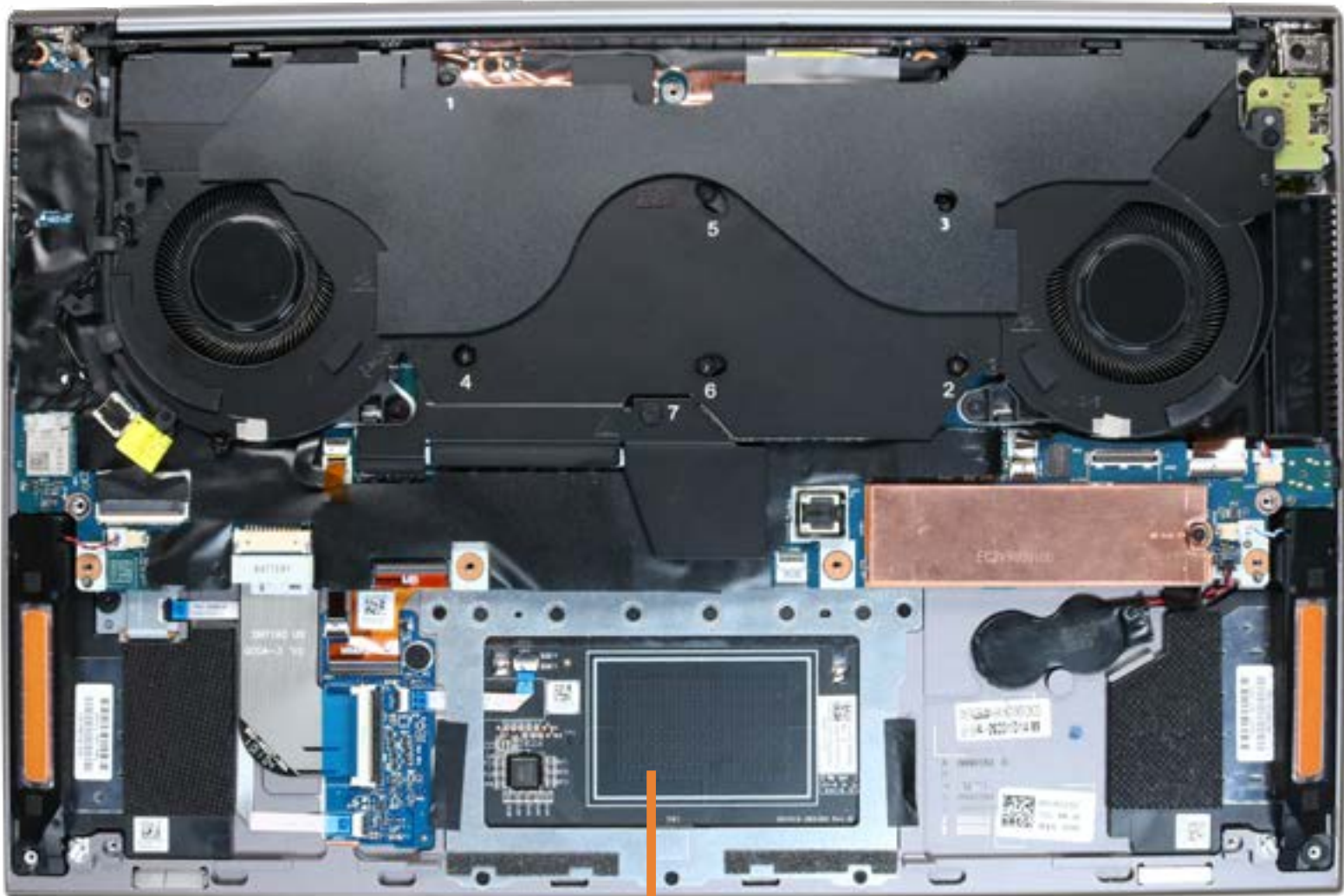
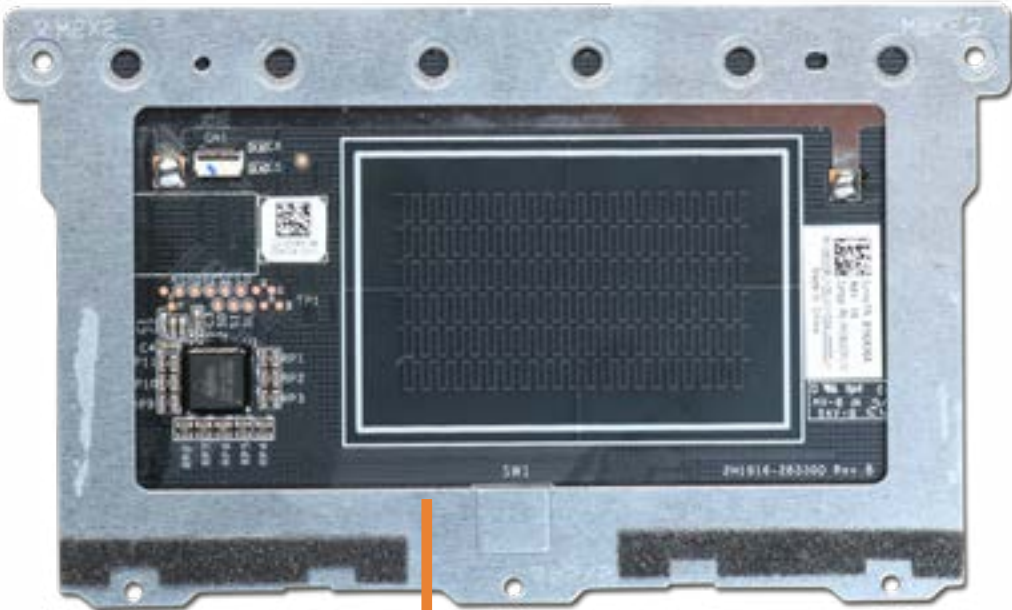
Touchpad

Top Speaker

Support Bracket

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# Top Speaker

Base Enclosure

Battery

M.2 Solid State Drive

Heat Sink with Fans  
(NVIDIA GeForce GPU)

Heat Sink with Fans  
(NVIDIA Quadro GPU)

RTC Battery

Left and Right Speakers

Keyboard Controller Board

Fingerprint Reader

I/O Board

System Board (top)

(NVIDIA GeForce GPU)

System Board (bottom)

(NVIDIA GeForce GPU)

System Board (top)

(NVIDIA Quadro GPU)

System Board (bottom)

(NVIDIA Quadro GPU)

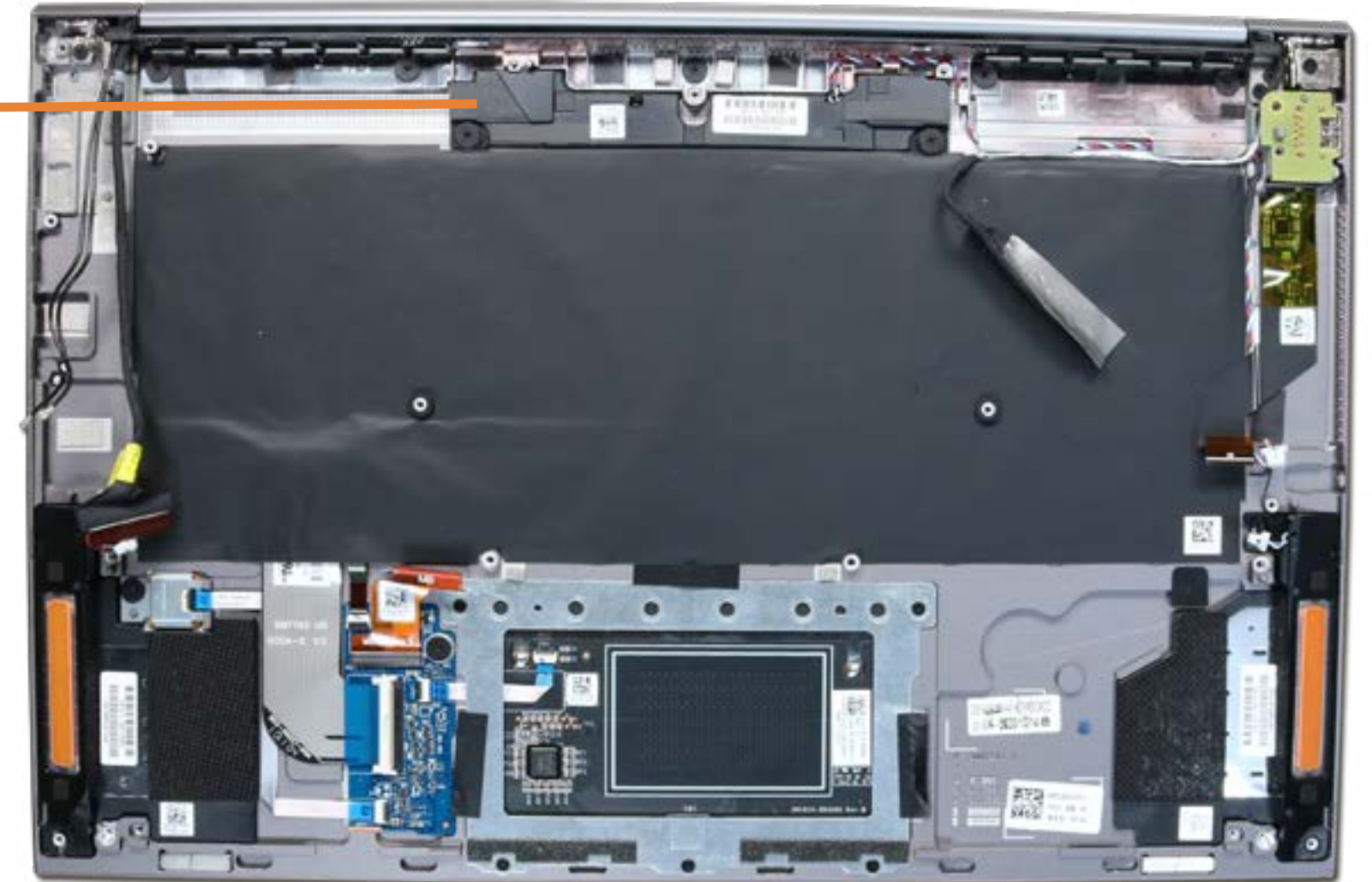
Touchpad

**Top Speaker**

Support Bracket

Top Cover with Keyboard

Display Panel Assembly



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# Support Bracket

Base Enclosure

Battery

M.2 Solid State Drive

Heat Sink with Fans  
(NVIDIA GeForce GPU)

Heat Sink with Fans  
(NVIDIA Quadro GPU)

RTC Battery

Left and Right Speakers

Keyboard Controller Board

Fingerprint Reader

I/O Board

System Board (top)

(NVIDIA GeForce GPU)

System Board (bottom)

(NVIDIA GeForce GPU)

System Board (top)

(NVIDIA Quadro GPU)

System Board (bottom)

(NVIDIA Quadro GPU)

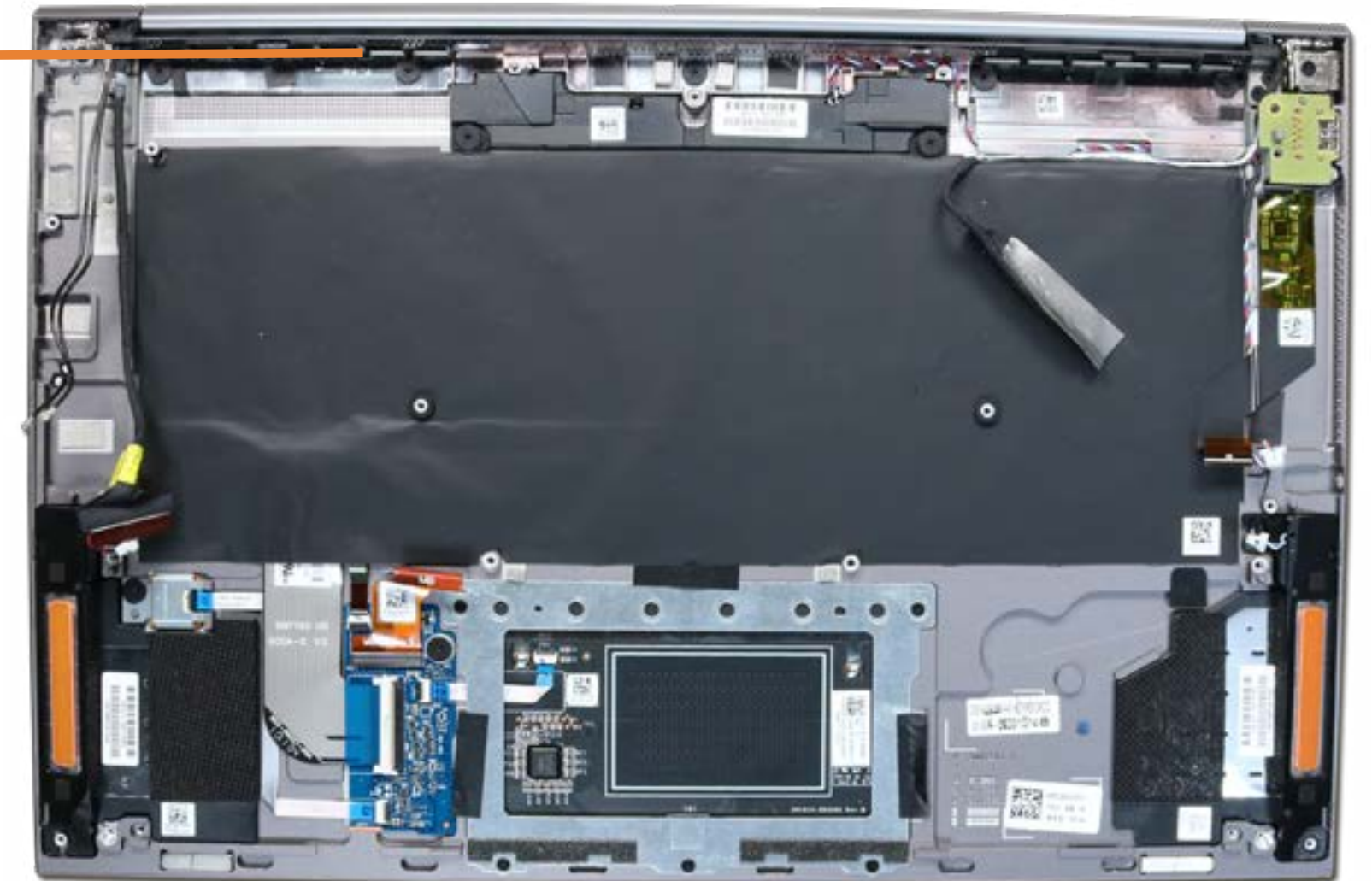
Touchpad

Top Speaker

**Support Bracket**

Top Cover with Keyboard

Display Panel Assembly



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# Top Cover with Keyboard

- Base Enclosure
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- M.2 Solid State Drive
- Heat Sink with Fans  
(NVIDIA GeForce GPU)
- Heat Sink with Fans  
(NVIDIA Quadro GPU)
- RTC Battery
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- Fingerprint Reader
- I/O Board
- System Board (top)  
(NVIDIA GeForce GPU)
- System Board (bottom)  
(NVIDIA GeForce GPU)
- System Board (top)  
(NVIDIA Quadro GPU)
- System Board (bottom)  
(NVIDIA Quadro GPU)
- Touchpad
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- Display Panel Assembly



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# Display Panel Assembly

- Base Enclosure
- Battery
- M.2 Solid State Drive
- Heat Sink with Fans  
(NVIDIA GeForce GPU)
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- System Board (top)  
(NVIDIA Quadro GPU)
- System Board (bottom)  
(NVIDIA Quadro GPU)
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