

## Razer Blade 16

### Processor

13th Gen Intel® Core™ i9-13950HX 5.5 GHz, Boost up to 5.5 GHz, 24 Cores / 32 Threads, 36MB of Cache

### OS

Windows 11 Home

### Color

Black

Mercury

### Display

16" QHD+ 240 Hz, 16:10 (2560 x 1600 WQXGA)

16" UHD+, 16:10 (3840 x 2400 WQUXGA) / FHD+ 16:10 (1920 x 1200, WUXGA)

### Graphics

NVIDIA® GeForce RTX™ 4060 (8GB GDDR6 VRAM)

NVIDIA® GeForce RTX™ 4070 (8GB GDDR6 VRAM)

NVIDIA® GeForce RTX™ 4080 (12GB GDDR6 VRAM)

NVIDIA® GeForce RTX™ 4090 (16GB GDDR6 VRAM)

### Graphic Features

NVIDIA® GeForce® RTX™ 4060 Laptop GPU

8GB GDDR6 VRAM

Maximum Graphics Power (W) up to 140W Total (Up to 115W Base + Up to 25W NVIDIA Dynamic Boost)

NVIDIA CUDA® Cores - 3072

Boost Clock - Up to 2370MHz

NVIDIA GPU Boost™

NVIDIA Optimus™ Technology

NVIDIA Whisper Mode 2.0

VR Ready

NVIDIA® GeForce® RTX™ 4070 Laptop GPU

8GB GDDR6 VRAM

Maximum Graphics Power (W) up to 140W Total (Up to 115W Base + Up to 25W NVIDIA Dynamic Boost)

NVIDIA CUDA® Cores - 4608

Boost Clock - Up to 2175MHz

NVIDIA GPU Boost™

NVIDIA Optimus™ Technology

NVIDIA Whisper Mode 2.0

VR Ready

NVIDIA® GeForce® RTX™ 4080 Laptop GPU

12GB GDDR6 VRAM

TGP (Total Graphics Power) - Up to 175W

NVIDIA CUDA® Cores - 7424

Boost Clock - Up to 2280MHz

NVIDIA GPU Boost™

NVIDIA Optimus™ Technology

NVIDIA Whisper Mode 2.0

VR Ready

NVIDIA® GeForce® RTX™ 4090 Laptop GPU

16GB GDDR6 VRAM

TGP (Total Graphics Power) - Up to 175W

NVIDIA CUDA® Cores - 9728

Boost Clock - Up to 2040MHz

NVIDIA GPU Boost™

NVIDIA Optimus™ Technology

NVIDIA Whisper Mode 2.0

VR Ready

Storage

1 TB SSD (M.2 NVMe PCIe 4.0 x4)

1 TB + 1 TB (2 TB) PCIe® 4.0 NVMe™ M.2 SSD

Memory

16 GB DDR5-5600MHz

32 GB DDR5-5600MHz

Keyboard

Per key RGB Powered by Razer Chroma™ N-Key rollover

Connectivity

Wireless Wi-Fi 6E AX211 (IEEE 802.11a/b/d/e/g/h/i/k/n/r/u/v/w/ac/ax/az), Bluetooth® 5.3

Touchpad

Precision glass touchpad

Input & Output

1 x Thunderbolt™ 4 (USB-C™) (100W USB PD 3)

1 x USB-C 3.2 Gen 2

Supports Power Delivery 3 (100W)

3 x USB-A 3.2 Gen 2

HDMI 2.1 output

UHS-II SD Card Reader

Audio

4 speaker array (tweeters x2, sub x2)

2 Smart Amps

3.5mm Combo-Jack

Build-in 2-mic array

THX® Spatial Audio

7.1 Codec Support (via HDMI)

Finish

T6 CNC Aluminum, anodized, black with illuminated Razer Logo

T6 CNC Aluminum, anodized, white with illuminated Razer Logo

Dimensions (Approximate)

21.99 mm x 244 mm x 355 mm

0.87" x 9.61" x 13.98"

Approximate Weight

2.45 kg / 5.40 lbs

## Battery And Adaptor

Built-in 95.2 WHr rechargeable lithium-ion polymer battery with 2-year limited battery warranty

## 280W GaN Power Adapter

Built-in 95.2 WHr rechargeable lithium-ion polymer battery with 2-year limited battery warranty

## 330W GaN Power Adapter

## Additional Features

Windows® Hello built-in IR FHD w/ Shutter

Razer™ Synapse 3 enabled with performance, programmable keyboard, backlighting, and fan control

Kensington™ Security Slot

Modern Standby

Intel PTT - (sTPM 2.0)

## Warranty

1-year limited laptop warranty

2-year limited battery warranty