

Razer Blade 15

Processor

12th Gen Intel Core i7 Processor (14-core) i7-12800H, 1.8 GHz with Turbo Boost up to 4.8 GHz, with 24 MB of Cache

12th Gen Intel Core i9 Processor (14-core) i9-12900H, 1.8 GHz with Turbo Boost up to 5.0 GHz, with 24 MB of Cache

13th Gen Intel Core i7 Processor (14-core) i7-13800H, 2.5 GHz with Turbo Boost up to 5.2 GHz, with 24 MB of Cache

OS

Windows 11 Home

Color

Black

Display

15.6" QHD 240Hz, G-Sync, 2.5ms, individually factory calibrated

15.6" FHD 360Hz, 100% sRGB, 2ms, individually factory calibrated

15.6" QHD 240Hz OLED, 100% DCI-P3, 1.0ms, individually factory calibrated

15.6" QHD 240Hz, 100% DCI-P3, G-Sync, 2.5ms, individually factory calibrated

Graphics

NVIDIA® GeForce RTX™ 3060 (6GB GDDR6 VRAM)

NVIDIA® GeForce RTX™ 3070 Ti (8GB GDDR6 VRAM)

NVIDIA® GeForce RTX™ 3080 Ti (16GB GDDR6 VRAM)

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

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

Graphic Features

NVIDIA® GeForce RTX™ 3060 Laptop GPU

6GB GDDR6 VRAM

NVIDIA CUDA® Cores - 3840

Maximum Graphics Power up to 105W

Boost Clock up to 1530MHz

NVIDIA GPU Boost™ 2.0

NVIDIA Optimus™ Technology

NVIDIA Whisper Mode 2.0

NVIDIAResizable BAR

2nd Gen Ray Tracing Cores

3rd Gen Tensor Cores

VR Ready

NVIDIA® GeForce RTX™ 3070 Ti Laptop GPU

8GB GDDR6 VRAM

NVIDIA CUDA® Cores - 5888

Maximum Graphics Power up to 105W

Boost Clock up to 1200MHz

NVIDIA GPU Boost™ 2.0

NVIDIA Optimus™ Technology

NVIDIA Whisper Mode 2.0

NVIDIAResizable BAR

2nd Gen Ray Tracing Cores

3rd Gen Tensor Cores

VR Ready

NVIDIA® GeForce RTX™ 3080 Ti Laptop GPU

16GB GDDR6 VRAM

NVIDIA CUDA® Cores - 7424

Maximum Graphics Power up to 105W

Boost Clock up to 1260MHz

NVIDIA GPU Boost™ 2.0

NVIDIA Optimus™ Technology

NVIDIA Whisper Mode 2.0

NVIDIAResizable BAR

2nd Gen Ray Tracing Cores

3rd Gen Tensor Cores

VR Ready

NVIDIA® GeForce® RTX™ 4060 Laptop GPU

8 GB GDDR6 VRAM

Maximum Graphics Power (W) up to 125 W Total (Up to 110 W Base + Up to 15 W NVIDIA Dynamic Boost)

NVIDIA CUDA® Cores - 3072

Boost Clock - Up to 2370 MHz

NVIDIA GPU Boost™

NVIDIA Optimus™ Technology

NVIDIA Whisper Mode 2.0

NVIDIA® GeForce® RTX™ 4070 Laptop GPU

8GB GDDR6 VRAM

Maximum Graphics Power (W) up to 125 W Total (Up to 110 W Base + Up to 15 W NVIDIA Dynamic Boost)

NVIDIA CUDA® Cores - 4608

Boost Clock - Up to 2175MHz

NVIDIA GPU Boost™

NVIDIA Optimus™ Technology

NVIDIA Whisper Mode 2.0

Storage

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

1 TB PCIe Gen4 M.2 (2 NVMe 1-sided drive)

Memory

16 GB DDR5 4800 MHz dual-channel memory (slotted)

32 GB DDR5 4800 MHz dual-channel memory (slotted)

16 GB DDR5 5200 MHz dual-channel memory (slotted)

Keyboard

Per-Key Backlighting, powered by Razer Chroma™

Connectivity

Killer® Wireless Wi-Fi 6E AX1690 (IEEE 802.11a/b/g/n/ac/ax/az), Bluetooth® 5.2

Wireless Wi-Fi 6E AX211 (IEEE 802.11a/b/g/n/ac/ax/az), Bluetooth® 5.2

Touchpad

Precision glass touchpad

Input & Output

1 x Thunderbolt™ 4 (USB-C™)

2 x USB-C 3.2 Gen 2 - Supports Power Delivery 3 (15W)

3 x USB-A 3.2 Gen 2

2 x Thunderbolt 4™ (USB 3.2 Gen 2) Type-C with Power Delivery and Display Port 1.4 with iGPU output

Charging supported with 20V USB-C chargers with PD 3.0, up to 100W

3 x USB-A 3.2 Gen 2

HDMI 2.1 output

UHS-II SD Card Reader

Audio

3.5mm Combo-Jack

Stereo 2.0 | 2 Speakers

THX Spatial Audio

2-Mic Array

Finish

T6 CNC Aluminum, anodized, black with illuminated Razer Logo

Dimensions (Approximate)

16.99 mm x 235 mm x 355 mm

0.67" x 9.25" x 13.98"

Approximate Weight

2.01 kg / 4.40 lbs

Battery And Adaptor

Built-in 80 WHr rechargeable lithium-ion polymer battery with 2-year limited battery warranty

230W power adapter

Additional Features

Windows Hello: Yes - IR Camera

Windows Cortana:Yes

Webcam: 1080p IR Hello

Security: Intel® Platform Trust Technology (Intel® PTT) security embedded, sTPM 2.0

Windows Hello: Yes - IR Camera

Windows Cortana: Yes

Windows® Hello built-in IR FHD

Intel® Platform Trust Technology (Intel® PTT) security embedded, sTPM 2.0, Kensington Lock support

Warranty

1-year limited laptop warranty

2-year limited battery warranty