

## Razer Blade 18

### Processor

13th Gen Intel Core i9 Processor (24-core) i9-13980HX, 1.8 GHz with Turbo Boost up to 5.6 GHz, with 24 MB of Cache

13th Gen Intel Core i9 Processor (24-core) i9-13950HX, 1.8 GHz with Turbo Boost up to 5.5 GHz, with 24 MB of Cache

### OS

Windows 11 Home

Windows 11 Home

### Color

Black

Mercury

### Display

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

### Graphics

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

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

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

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

### Graphic Features

NVIDIA® GeForce RTX™ 4090 Laptop GPU

16GB GDDR6 VRAM

NVIDIA CUDA® Cores - 9728

Maximum Graphics Power up to 175W

Boost Clock up to 2040MHz

NVIDIA GPU Boost™

NVIDIA Advanced 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

6GB GDDR6 VRAM

NVIDIA CUDA® Cores - 3072

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

Boost Clock up to 2370MHz

NVIDIA GPU Boost™

NVIDIA Advanced Optimus™ Technology

NVIDIA Whisper Mode 2.0

NVIDIAResizable BAR

2nd Gen Ray Tracing Cores

3rd Gen Tensor Cores

VR Ready

NVIDIA® GeForce RTX™ 4070 Laptop GPU

8GB GDDR6 VRAM

NVIDIA CUDA® Cores - 4608

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

Boost Clock up to 2175MHz

NVIDIA GPU Boost™

NVIDIA Advanced Optimus™ Technology

NVIDIA Whisper Mode 2.0

NVIDIAResizable BAR

2nd Gen Ray Tracing Cores

3rd Gen Tensor Cores

VR Ready

NVIDIA® GeForce RTX™ 4080 Laptop GPU

12GB GDDR6 VRAM

NVIDIA CUDA® Cores - 7424

Maximum Graphics Power up to 175W

Boost Clock up to 2280MHz

NVIDIA GPU Boost™

NVIDIA Advanced Optimus™ Technology

NVIDIA Whisper Mode 2.0

NVIDIAResizable BAR

2nd Gen Ray Tracing Cores

3rd Gen Tensor Cores

VR Ready

Storage

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

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

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

Memory

64 GB DDR5-5200MHz

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

3 x USB 3.2 Gen 2 Type-A Ports

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

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

1x USB-C 3.2 Gen 2 Type-C Port(Supports DisplayPort via dGPU)

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

RJ45 - 2.5Gb ethernet

HDMI 2.1 output

UHS-II SD Card Reader

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Audio

6 speaker array (tweeters x2, sub x4)

3 smart amplifiers

3.5mm headphone/microphone combo port

Built-in array microphone

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)

21.90 mm x 275.40 mm x 399.90 mm

0.86" x 10.84" x 15.74"

Approximate Weight

3.10 kg / 6.80 lbs

Battery And Adaptor

Built-in 91.7 WHr rechargeable lithium-ion polymer battery with 2-year limited battery warranty

330W GaN Power Adapter

Built-in 91.7 WHr rechargeable lithium-ion polymer battery with 2-year limited battery warranty

280W GaN Power Adapter

Built-in 91.7 WHr rechargeable lithium-ion polymer battery with 2-year limited battery warranty

330W GaN Power Adapter

Additional Features

Windows® Hello built-in IR 5MP Webcam

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