

Razer Blade 16(2024): NVIDIA GeForce RTX 4080 GPU, 14th Gen Intel Core i9 Processor i9-14900HX, 16" QHD+ 240Hz OLED, 1TB SSD, 32GB DDR5 5600MHz, CNC Aluminum, Chroma RGB KB Lighting, THX Spatial Audio, Vapor

16-Inch QHD+ 240Hz OLED, 2560 x 1600

**16-Inch
QHD+ (2560 x 1600) 16:10
OLED Technology
240Hz Refresh Rate
0.2ms Response Time
VESA ClearMR 9000 Certified
1,000,000:1 Contrast Ratio
Calman Certified
NVIDIA G-Sync™
NVIDIA Dynamic Display Switching
Up to 400 nits brightness(Typical)
Up to 100% DCI-P3
HDR 500
Individually factory calibrated
Bezels: Top 11mm, L/R 4.66mm, Bottom 6.68mm
Wide Viewing Angle, 170 Degrees**

14th Gen Intel Core i9 Processor (24-core) i9-14900HX, 2.4GHz with Turbo Boost up to 5.8GHz, with 36MB of

**Smart Cache
24 cores
32 threads**

Overclockable

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

**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
NVIDIA Resizable BAR
2nd Gen Ray Tracing Cores
3rd Gen Tensor Cores
VR Ready**

Vapor Chamber Cooling

32GB DDR5-5600MHz

Upgradeable to 96GB DDR5-5200MHz

1TB SSD M.2 NVMe PCIe 4.0

Open M.2 Slot - Supports PCIe and SATA SSDs, upgradeable to 8TB Total(Supports Single Sided M.2)

Supports PCIe and SATA SSDs, each slot upgradeable to 4TB SSD (Single Sided M.2) for 8TB max

Windows 11 Home

Wi-Fi 7, IEEE 802.11a/b/d/e/g/h/i/k/n/r/u/v/w/ac/ax/be, Intel BE200

Bluetooth® 5.4

Windows® Hello built-in IR FHD Webcam, Mechanical Privacy Shutter

Precision glass touchpad

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

3 x USB 3.2 Gen 2 Type-A Ports

1 x Thunderbolt 4™ (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
HDMI 2.1 output
UHS-II SD Card Reader
4 speaker array (tweeters x2, sub x2)
2 smart amplifiers
3.5mm headphone/microphone combo port
Built-in array microphone (x2)
THX® Spatial Audio
7.1 Codec support (via HDMI)
Razer™ Synapse 3 enabled with performance, programmable keyboard, backlighting, and fan control
Kensington™ Security Slot
Modern Standby
Intel PTT - (sTPM 2.0)
CNC Aluminum, Anodized Black, backlit green Razer logo
Built-in 95.2WHr rechargeable lithium-ion polymer battery
Limited 2-Year Warranty
330W GaN Power Adapter
0.86" x 13.98" x 9.61" (21.99mm x 355mm x 244mm)
5.4 lbs(2.45kgs)
Razer Blade 16, power adapter & regional power cord, micro-fiber cleaning cloth, Important Product Information
1.0 mm membrane, 63G actuation, per-key RGB
53db