

Product Title	Razer Blade 16(2024): NVIDIA GeForce RTX 4070 GPU, 14th Gen Intel Core i9 Processor i9-14900HX, 16" Dual Mode Mini-LED (UHD+ 120Hz & FHD+ 240Hz), 2TB SSD, 16GB DDR5 5600MHz, CNC Aluminum, Chroma RGB KB Lighting, THX Spatial Audio, Vapor Chamber Cooling
Display Size & Resolution	16-Inch Dual Mode Mini-LED (UDH+ 120Hz & FHD+ 240Hz), 3480 x 2400 & 1920 x 1200
Display Details	16-Inch UHD+ (3480 x 2400) & FHD+ (1920 x 1200) 16:10 / Mini-LED Technology 240Hz Refresh Rate (FHD+) & 120Hz Refresh Rate (UHD+) 3ms Response Time / 1,000,000:1 Contrast Ratio Calman Certified / NVIDIA G-Sync™ / NVIDIA Dynamic Display Switching Up to 1000 nits brightness(Typical) / Up to 100% DCI-P3 HDR 1000 / 1000 dimming zone (Ability to Toggle On/Off) Individually factory calibrated / Bezels: Top 11mm, L/R 4.66mm, Bottom 6.68mm Wide Viewing Angle, 170 Degrees
Processor	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
Graphics (Discrete)	NVIDIA® GeForce RTX™ 4070 (8GB GDDR6 VRAM)
GPU Features	NVIDIA® GeForce RTX™ 4070 Laptop GPU 8GB GDDR6 VRAM . NVIDIA CUDA® Cores - 4608 Maximum Graphics Power up to 140W / Boost Clock up to 2175MHz 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
Memory (Included)	16GB DDR5-5600MHz
Memory (Maximum)	Upgradeable to 96GB DDR5-5200MHz
Storage (Installed)	2TB 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)
Storage (Maximum)	Supports PCIe and SATA SSDs, each slot upgradeable to 4TB SSD (Single Sided M.2) for 8TB max
Operating System	Windows 11 Home
Communication	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
Webcam	Windows® Hello built-in IR FHD Webcam, Mechanical Privacy Shutter
Input & Output	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
	RJ45 - 2.5Gb ethernet
	HDMI 2.1 output
Audio	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
Additional Features	THX® Spatial Audio
	7.1 Codec support (via HDMI)
	Razer™ Synapse 3 enabled with performance, programmable keyboard, backlighting, and fan control
	Kensington™ Security Slot
Chassis	CNC Aluminum, Anodized Mercury White, backlit green Razer logo
Battery	Built-in 95.2Whr rechargeable lithium-ion polymer battery Limited 2-Year Warranty
Power Adapter	330W GaN Power Adapter
Approx. Size	0.86" x 13.98" x 9.61" (21.99mm x 355mm x 244mm)
Approx. Weight	5.4 lbs(2.45kgs)