

SKU	Razer Blade 14 (P10-NT/Win-11/QHD+ 240Hz/R9-8945HS/32GB DDR5/RTX 4070/1TB/PCIe Gen4)
Product Title	Razer Blade 14 (2023) Gaming Laptop: NVIDIA GeForce RTX 4070 GPU, AMD Ryzen 9 8945HS Processor, 14" QHD+ 240Hz, 1TB SSD, 32GB DDR5 5600MHz, CNC Aluminum, Chroma RGB KB Lighting, THX Spatial Audio, Vapor Chamber Cooling
Display Size & Resolution	14-inch QHD+ 240Hz, 2560 x 1600
Display Details	QHD+ (2560 x 1600) 16:10 / 240Hz Refresh Rate AMD FreeSync™ Premium / IPS-grade / Up to 100% DCI-P3 / Calman Verified Anti-Glare Matte Finish / Thin 4.7mm bezel / Sub 3ms Response Time (G2G) MUX Switch / Up to 500 nits brightness (Typical)
Processor	AMD Ryzen™ 9 8945HS Processor (8-Cores /16-Threads, 16MB L3 Cache, Up to 5.2 GHz max boost) with Radeon™ 780M Graphics
Graphics (Discrete)	NVIDIA® GeForce RTX™ 4070
GPU Features	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 Whisper Mode 2.0 / NVIDIA Resizable BAR 2nd Gen Ray Tracing Cores / 3rd Gen Tensor Cores / VR Ready
Thermal System	Vapor Chamber Cooling
Memory	32GB DDR5-5600MHz (2 x 16GB - Slotted) Upgradable to 96 GB
Storage (Installed)	1TB SSD (M.2 NVMe PCIe 4.0 x4)
Storage (Maximum)	NVME or SATA-III, Double Sided, expandable up to 4 TB SSD (M.2 2280)
Operating System	Windows 11 Home
Communication	Qualcomm® NCM865 Wi-Fi 7 and Bluetooth 5.4 WLAN tri-band 2x2 802.11a/b/g/n/ac/ax/be Bluetooth 5.4
Webcam	Windows® Hello built-in IR FHD webcam (1080p) with Privacy Shutter Precision glass touchpad
Input & Output	Per key RGB Powered by Razer Chroma™ N-Key rollover keyboard 2 x USB 3.2 Gen 2 Type-A Ports 2 x USB4 Type-C Ports with Power Delivery and Display Port 1.4 via iGPU Charging supported with 20V USB-C chargers with PD 3.0 (100W)
Audio	HDMI 2.1 output Built-in stereo speakers 3.5mm headphone/microphone combo port Built-in array microphone THX® Spatial Audio 7.1 Codec support (via HDMI)
Security	Microsoft Pluton Trusted Platform Module (TPM) 2.0
Additional Features	Razer™ Synapse 3 enabled with performance, programmable keyboard, backlighting, and fan control MUX switch Kensington™ Security Slot Modern Standby
Chassis	CNC-Milled Aluminum / Anodized Black Finish with Fingerprint Resistive Coating / Backlit Green Razer Logo
Battery	Built-in 68.1Whr rechargeable lithium-ion polymer battery with 2-year limited battery warranty Up to 10 hrs battery life
Power Adapter	230W power adapter
Approx. Size	0.70" x 8.97" x 12.23" 17.99 mm x 228 mm x 310.7 mm
Approx. Weight In The Box	4.05 lbs. / 1.84 kg Razer Blade 14, power adapter & regional power cord, micro-fiber cleaning cloth, Important Product Information Guide
Warranty	1-year limited laptop warranty 2-year limited battery warranty
Keyboard Switch	1.0 mm travel, Membrane, Linear-feel, 63 g +/-