

Product Title	Razer Blade 18 Mercury(2023): NVIDIA GeForce RTX 4090 GPU, 14th Gen Intel Core i9 Processor i9-14900HX, 18" UHD+ 200Hz (TBC) Mini-LED, 2TB SSD, 32GB DDR5 5600MHz, CNC Aluminum, Chroma RGB KB Lighting, THX Spatial Audio, Vapor Chamber Cooling
Display Size & Resolution	18-Inch UHD+ 200Hz (TBC), 3840 x 2400
Display Details	18-Inch UHD+ (3840 x 2400) 16:10 200Hz (TBC) Refresh Rate NVIDIA G-Sync™ NVIDIA Dynamic Display Switching IPS Technology Up to 100% DCI-P3 Up to 400 nits brightness(Typical) 3ms Individually factory calibrated Calman Verified Anti-glare Bezels: Top 9mm, L/R 3.7mm, Bottom 9.25mm Wide Viewing Angle, 178 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™ 4090 (16GB GDDR6 VRAM) 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
Thermal System	Vapor Chamber Cooling
Memory (Included)	32GB 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 Dual Sided M.2)
Storage (Maximum)	Supports PCIe and SATA SSDs, each slot upgradeable to 4TB SSD (Dual 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 5MP 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 5™ (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
	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)
Additional Features	Razer™ Synapse 3 enabled with performance, programmable keyboard, backlighting, and fan control
	Kensington™ Security Slot
	Modern Standby
	Intel PTT - (sTPM 2.0)
Chassis	CNC Aluminum, Anodized Black, backlit green Razer logo
Battery	Built-in 91.7Whr rechargeable lithium-ion polymer battery Limited 2-Year Warranty
Power Adapter	330W GaN Power Adapter
Approx. Size	0.86" x 15.74" x 10.84" (21.9mm x 399.9mm x 275.4mm)
Approx. Weight	6.8 lbs(3.1kgs)
In The Box	Razer Blade 18, power adapter & regional power cord, micro-fiber cleaning cloth, Important Product Information Guide
Keyboard	1.1 mm membrane, 65G actuation, per-key RGB
Ambient Noise	50db