

Alienware x15 / Technical Specifications

Feature	Technical Specification	Feature	Technical Specification
Model Number	Alienware x15 R1 gaming laptop		
Processor Options	<ul style="list-style-type: none"> <input type="checkbox"/> Intel® Core™ i7 11800H (8-Core, 24MB L3 Cache, up to 4.6GHz with Turbo Boost Technology) <input type="checkbox"/> Intel® Core™ i9 11900H (8-Core, 24MB L3 Cache, up to 4.9GHz with Turbo Boost Max 3.0 Technology) 	Ports	<p>Left</p> <p>(1x) Power/DC-in Port</p> <p>Right</p> <p>(1x) Global headset jack</p> <p>Back</p> <p>(1x) Type-A USB 3.2 Gen 1 Port, with PowerShare 2 (1x) Type-C USB 3.2 Gen 2 Port, with Power Delivery (5V/3A) (1x) Type-C Thunderbolt 4 / USB 3.2 Gen 2 Port, with Power Delivery (5V/3A) (1x) MicroSD Card Slot (1x) HDMI 2.1 Output Port</p>
Operating System	Microsoft® Windows® 10 Home 64-bit Microsoft® Windows® 10 Pro 64-bit		
Memory Options	<ul style="list-style-type: none"> <input type="checkbox"/> 16GB DDR4 3200MHz <input type="checkbox"/> 32GB DDR4 3200MHz 	Chassis Materials	Based on Alienware's Legend industrial design language Engineered with Alienware Cryo-Tech™ Cooling technology Constructed with copper alloy thermal components, magnesium alloy and CNC machined aluminum parts.
Storage Options	<p>Single Storage Configurations</p> <ul style="list-style-type: none"> <input type="checkbox"/> 256GB NVMe PCIe M.2 SSD <input type="checkbox"/> 512GB NVMe PCIe M.2 SSD <input type="checkbox"/> 1TB NVMe PCIe M.2 SSD <input type="checkbox"/> 2TB NVMe PCIe M.2 SSD <p>Dual-Drive Non-RAID Configurations</p> <ul style="list-style-type: none"> <input type="checkbox"/> 512GB RAID 0 (2x 256GB PCIe M.2 SSD) <input type="checkbox"/> 512GB NVMe PCIe M.2 SSD (Boot) + 1TB NVMe PCIe M.2 SSD (Storage) <input type="checkbox"/> 2TB RAID 0 (2x 1TB PCIe M.2 SSD) <input type="checkbox"/> 4TB RAID 0 (2x 2TB PCIe M.2 SSD) 	Color Options	Lunar Light with High Endurance Clear Coat and Silky-Smooth Finish
Graphics	<ul style="list-style-type: none"> <input type="checkbox"/> NVIDIA® GeForce RTX™ 3060 6GB GDDR6 <input type="checkbox"/> NVIDIA® GeForce RTX™ 3070 8GB GDDR6 <input type="checkbox"/> NVIDIA® GeForce RTX™ 3080 8GB GDDR6 	Keyboard Options	<ul style="list-style-type: none"> <input type="checkbox"/> Alienware X-Series thin keyboard with per-key AlienFX lighting 1.5mm key travel Includes anti-ghosting technology
		Touchpad Details	Multi-touch gesture touchpad with integrated scrolling
		Camera	<ul style="list-style-type: none"> <input type="checkbox"/> Alienware HD (1280x720 resolution) camera with dual-array microphones and Windows Hello IR support
		Networking Details	2.5Gbps Ethernet NIC via included Type-C to RJ-45 port dongle (Standard) Killer™ Wi-Fi 6E (Pre-certified) AX1675 802.11ax 2x2 Wireless LAN and Bluetooth 5.2 (Standard)
		Battery Details	<ul style="list-style-type: none"> <input type="checkbox"/> Lithium Ion (87 Whr) Battery with Alienware Battery Defender technology
Graphics Power	<p>NVIDIA GeForce RTX 3060</p> <ul style="list-style-type: none"> • Includes 8-phase HyperEfficient graphics voltage regulation • TGP: 70W • Dynamic Boost: 20W • Maximum Graphics Power: 90W • Base clock: 1050 MHz • Boost clock: 1402 MHz <p>NVIDIA GeForce RTX 3070</p> <ul style="list-style-type: none"> • Includes 8-phase HyperEfficient graphics voltage regulation • TGP: 90W • Dynamic Boost: 20W • Maximum Graphics Power: 110W • Base clock: 930 MHz • Boost clock: 1410 MHz <p>NVIDIA GeForce RTX 3080</p> <ul style="list-style-type: none"> • Includes 8-phase HyperEfficient graphics voltage regulation • TGP: 90W • Dynamic Boost: 20W • Maximum Graphics Power: 110W • Base clock: 930 MHz • Boost clock: 1365 MHz 	Power Adapter Options	<ul style="list-style-type: none"> <input type="checkbox"/> Alienware 240W small form factor adapter
		Dimensions & Weight	Height (w/FHD 165Hz panel): 16.3 mm. (0.642 in.) Height (w/FHD 360Hz or QHD 240Hz panels): 15.9 mm (0.626 in.) Length: 277.25 mm. (10.915 in.) Width: 359.7 mm. (14.16 in.) Lowest weight: 2.27 Kgs. (5 Lbs.) Maximum weight: 2.36 Kgs. (5.2 Lbs.)
		Software	Alienware Command Center including AlienFX lighting, Game Library with auto-tune game profile functionality, Fusion (and Alienware Adrenalin, Alienware Mobile Connect
		Peripheral Ecosystem	Alienware 38 Curved Gaming Monitor – AW3821DW, Alienware 7.1 Gaming Headset – AW510H, Alienware Low-Profile RGB Mechanical Gaming Keyboard – AW510K, Alienware RGB Gaming Mouse – AW510M, Alienware 25 Gaming Monitor – AAW2521HF/L, Alienware 27 Gaming Monitor – AW2721D
Display	<ul style="list-style-type: none"> <input type="checkbox"/> 15.6" FHD (1920 x 1080) 165Hz 3ms with ComfortView Plus <input type="checkbox"/> 15.6" FHD (1920 x 1080) 360Hz 1ms with ComfortView Plus, NVIDIA G-SYNC and Advanced Optimus <input type="checkbox"/> 15.6" QHD (2560 x 1440) 240Hz 2ms with ComfortView Plus, NVIDIA G-SYNC and Advanced Optimus <p>• FHD panels feature 300-nits brightness and 100% sRGB color gamut</p> <p>• QHD panel features 400-nits brightness and 99% DCI-P3 color gamut</p>	Trusted Protection Module	Included and firmware/software based

