

Alienware x17 / Technical Specifications

Feature	Technical Specification	Feature	Technical Specification
Model Number	Alienware x17 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 11900HK (8-Core, 24MB L3 Cache, up to 5.0GHz 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>(2x) 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 (1x) Mini Display Port 1.4 (1x) RJ-45 Killer™ Ethernet E3100 2.5G Ethernet Port</p>
Operating System	Microsoft® Windows® 10 Home 64-bit Microsoft® Windows® 10 Pro 64-bit	Chassis Materials	Based on Alienware's Legend industrial design language Engineered with Alienware Cryo-Tech™ Cooling technology Constructed with copper alloy thermal components, and magnesium alloy parts.
Memory Options	<ul style="list-style-type: none"> <input type="checkbox"/> 16GB DDR4 3200MHz <input type="checkbox"/> 32GB DDR4 3200MHz <input type="checkbox"/> 32GB DDR4 XMP 3466MHz <input type="checkbox"/> 64GB DDR4 XMP 3466MHz 	Color Options	Lunar Light with High Endurance Clear Coat and Silky-Smooth Finish
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) 	Keyboard Options	<ul style="list-style-type: none"> <input type="checkbox"/> Alienware X-Series thin keyboard with per-key AlienFX lighting <ul style="list-style-type: none"> • 1.5mm key travel • Includes N-key rollover and anti-ghosting technology <input type="checkbox"/> Alienware's CherryMX ultra low-profile mechanical laptop keyboard with per-key AlienFX lighting <ul style="list-style-type: none"> • 1.8mm key travel • Includes N-key rollover and anti-ghosting technology
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 16GB GDDR6 	Touchpad Details	Multi-touch gesture touchpad with integrated scrolling
Graphics Power	<p>NVIDIA GeForce RTX 3060</p> <ul style="list-style-type: none"> • Includes 12-phase HyperEfficient graphics voltage regulation • TGP: 115W • Dynamic Boost: 15W • Maximum Graphics Power: 130W • Base clock: 1387 MHz • Boost clock: 1702 MHz <p>NVIDIA GeForce RTX 3070</p> <ul style="list-style-type: none"> • Includes 12-phase HyperEfficient graphics voltage regulation • TGP: 125W • Dynamic Boost: 15W • Maximum Graphics Power: 140W • Base clock: 1215 MHz • Boost clock: 1620 MHz <p>NVIDIA GeForce RTX 3080</p> <ul style="list-style-type: none"> • Includes 12-phase HyperEfficient graphics voltage regulation • TGP: 150W • Dynamic Boost: 15W • Maximum Graphics Power: 165W • Base clock: 1350 MHz • Boost clock: 1710 MHz 	Camera	<input type="checkbox"/> Alienware HD (1280x720 resolution) camera with dual-array microphones and Windows Hello IR support
Display	<ul style="list-style-type: none"> <input type="checkbox"/> 17.3" FHD (1920 x 1080) 165Hz 3ms with ComfortView Plus <input type="checkbox"/> 17.3" FHD (1920 x 1080) 360Hz 1ms with ComfortView Plus, NVIDIA G-SYNC and Advanced Optimus <input type="checkbox"/> 17.3" UHD (2560 x 1440) 120Hz 4ms <ul style="list-style-type: none"> • FHD panels feature 300-nits brightness and 100% sRGB color gamut • UHD panel features 500-nits brightness and 100% Adobe color gamut 	Networking Details	<ul style="list-style-type: none"> <input type="checkbox"/> Killer™ E3100 2.5G Ethernet NIC (Standard) <input type="checkbox"/> Killer™ Wi-Fi 6E (Pre-certified) AX1675 802.11ax 2x2 Wireless LAN and Bluetooth 5.2 (Standard)
		Battery Details	<input type="checkbox"/> Lithium Ion (87 Whr) Battery with Alienware Battery Defender technology
		Power Adapter Options	<ul style="list-style-type: none"> <input type="checkbox"/> Alienware 240W small form factor adapter <input type="checkbox"/> 330W standard form factor
		Dimensions & Weight	Height (w/FHD 360Hz panel): 20.9 mm. (0.823 in.) Height (w/UHD 120Hz or FHD 165Hz panels): 21.4 mm (0.843 in.) Length: 299.49 mm. (11.791 in.) Width: 399.23 mm. (15.718 in.) Lowest weight: 3.02 Kgs. (6.65 Lbs.) Maximum weight: 3.2 Kgs. (7.05 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
		Trusted Protection Module	Included and firmware/software based

