Alienware x15 R2

Chassis Details

System Dimensions
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: 277.33 mm. (10.91 in.)
Width: 359.7 mm. (14.16 in.)
Lowest weight: 2.34 Kgs. (5.15 Lbs.)
Maximum weight: 2.36 Kgs. (5.2 Lbs.)

Exterior Chassis Color and Finish
Lunar Light with High Endurance Clear Coat designed for stain resistance

Chassis Features
Based on Alienware's Legend 2.0 industrial design language
Constructed with CNC alluminum and magnesium alloy parts
Engineered with Alienware Cryo-Tech™ Cooling technology
Includes Alienware's Quad-Fan Design (patent-pending)
Element 31 thermal interface material (available with all configurations)

Display Options
15.6" FHD (1920 x 1080) 165Hz 3ms with ComfortView Plus, NVIDIA G-SYNC and Advanced Optimus
15.6" FHD (1920 x 1080) 360Hz 1ms with ComfortView Plus, NVIDIA G-SYNC and Advanced Optimus
15.6" QHD (2560 x 1440) 240Hz 2ms with ComfortView Plus, NVIDIA G-SYNC and Advanced Optimus

Additional Display Specifications
FHD panels feature 300-nits brightness and 100% sRGB color gamut
QHD panel features 400-nits brightness and 99% DCI-P3 color gamut
All configurations are Dolby Vision and Dolby Atmos certified.

Battery Detail
Lithium Ion (87 Whr) Battery with Alienware Battery Defender technology **(Standard)**

Integrated Camera Detail
Alienware HD (1280x720 resolution) camera with dual-array microphones and Windows Hello IR support

AlienFX Lighting Detail
Programmable with up to 16.8 million distinct colors
Rear stadium lighting now engineered with 90 micro LEDs for bold new look

Keyboard Options
Alienware X Series thin keyboard with per-key AlienFX lighting
1.5mm key travel
Includes N-key rollover and anti-ghosting technology

Touchpad Detail
  Multi-touch gesture touchpad with integrated scrolling

Power Adapter Options
  240W Small Form Factor adapter **(Standard)**

Core and Compute Details

Intel® Core™ i7 12700H (14-Core/20-Thread, 24MB L3 Cache, up to 4.7GHz Max Turbo Frequency)
Intel® Core™ i9 12900H (14-Cores/20-Thread, 24MB L3 Cache, up to 5.0GHz Max Turbo Frequency)

Graphics[*] Options

NVIDIA® GeForce RTX™ 3060 6GB GDDR6
NVIDIA® GeForce RTX™ 3070 Ti 8GB GDDR6
NVIDIA® GeForce RTX™ 3080 Ti 16GB GDDR6

Graphics Specifications:
NVIDIA® GeForce RTX™ 3060 6GB GDDR6
  Includes 8-phase HyperEfficient graphics voltage regulation
  Max TGP: 100W
  Dynamic Boost: 25W
  Maximum Graphics Power: 125W
  Base clock: 1267 MHz
  Boost clock: 1605 MHz

NVIDIA® GeForce RTX™ 3070 Ti 8GB GDDR6
  Includes 8-phase HyperEfficient graphics voltage regulation
  Max TGP: 115W
  Dynamic Boost: 25W
  Maximum Graphics Power: 140W
  Base clock: 915 MHz
  Boost clock: 1410 MHz

NVIDIA® GeForce RTX™ 3080 Ti 16GB GDDR6
  Includes 8-phase HyperEfficient graphics voltage regulation
  Max TGP: 115W
  Dynamic Boost: 25W
  Maximum Graphics Power: 145W
  Base clock: 975 MHz
  Boost clock: 1410 MHz

Memory[*] Options

16GB Dual-Channel LP-DDR5 5200MHz

32GB Dual-Channel LP-DDR5 5200MHz

Memory Slots

None - Memory modules are soldered down on the x15

Storage[*] Options

SINGLE STORAGE CONFIGURATIONS

256GB PCIe NVMe M.2 SSD

512GB PCIe NVMe M.2 SSD

1TB PCIe NVMe M.2 SSD

2TB PCIe NVMe M.2 SSD

DUAL-DRIVE CONFIGURATIONS

512GB RAID 0 (2x 256GB PCIe NVMe M.2 SSD)

1TB RAID 0 (2x 512GB PCIe NVMe M.2 SSD)

2TB RAID 0 (2x 1TB PCIe NVMe M.2 SSD)

4TB RAID 0 (2x 2TB PCIe NVMe M.2 SSD)

Audio, Networking and Wireless

Networking and Wi-Fi Details

2.5Gbps Ethernet NIC via included Type-C to RJ-45 port dongle **(Standard)**

Killer™ Wi-Fi 6 (6E* Pre-certified) AX1675 802.11ax 2x2 Wireless LAN and Bluetooth 5.2 **(Standard)**

*6E in US and South Korea

External Chassis Connections

Left

(1x) Power/DC-in Port

Right

(1x) Global headset jack

Back

(1x) Type-A USB 3.2 Gen 1 Port, with PowerShare

(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

Software

Operating System Options (Varies by Region)

Windows® 11 Home (64-bit) **(Standard)**

Windows® 11 Pro (64-bit)

Alienware Command Center

Dashboard navigates all features, including themes, system performance, and overclocking

- Five Tailored Power States (full speed, performance, balanced, quiet, and battery saver)

- Game Library to manage titles from multiple services

- FX supports full RBG values up to 16.8 million colors

- Power Management adjusts power plans with a game

- Overclocking controls system performance and overclocking profiles