

Processor

Alienware Dynamic Overclocking is supported and defaulted for all processor options.

10th Generation Intel® Core™ i5-10300H (4-Core, 8MB Cache, up to 4.5GHz w/ Turbo Boost 2.0)

10th Generation Intel® Core™ i7-10750H (6-Core, 12MB Cache, up to 5.1GHz w/ Turbo Boost 2.0)

10th Generation Intel® Core™ i9-10980HK (8-Core, 16MB Cache, up to 5.3GHz w/ Turbo Boost 2.0)

Operating System (Dell recommends Windows 10 Pro for business.)

Windows 10 (64-bit) (Standard)

Windows 10 Pro (64-bit)

Video Card

NVIDIA® GeForce GTX® 1650 Ti 4GB GDDR6

NVIDIA® GeForce GTX® 1660 Ti 6GB GDDR6

NVIDIA® GeForce RTX™ 2060 6GB GDDR6 (OC Ready)

AMD Radeon™ RX 5500M 4GB GDDR6

NVIDIA® GeForce RTX™ 2070 8GB GDDR6

NVIDIA® GeForce RTX™ 2070 SUPER 8GB GDDR6

NVIDIA® GeForce RTX™ 2080 SUPER 8GB GDDR6 - Max Performance

Display

17.3" FHD (1920 x 1080) 144Hz 7ms 300-nits 72% NTSC color gamut

17.3" FHD (1920 x 1080) 300Hz 3ms 300-nits 100% sRGB color gamut

17.3" UHD (3840 x 2160) 60Hz 25ms 500-nits 100% Adobe RGB color gamut + Tobii Eyetracking technology

Additional Display Specifications

All options feature our narrowest border on an Alienware 17" notebook, ever

Wide Viewing Angles on all displays with 85 degree viewing from all directions

800:1 contrast ratio on FHD 144Hz

1000:1 contrast ratio on FHD 300Hz

1500:1 contrast ratio on UHD 60Hz

Memory⁴

8GB DDR4 2666MHz

16GB DDR4 2666MHz

32GB DDR4 2666MHz

Hard Drive

SINGLE STORAGE CONFIGURATIONS

256GB PCIe M.2 SSD

512GB PCIe M.2 SSD

1TB PCIe M.2 SSD

2TB PCIe M.2 SSD

RAID0 CONFIGURATIONS

512GB (2x 256GB PCIe M.2 SSD) RAID0

1TB (2x 512GB PCIe M.2 SSD) RAID0

2TB (2x 1TB PCIe M.2 SSD) RAID0

4TB (2x 2TB PCIe M.2 SSD) RAID0

RAID0 PLUS CONFIGURATIONS

1TB (2x 512GB PCIe M.2 SSD) RAID0 [Boot] + 512GB PCIe M.2 SSD [Storage]

2TB (2x 1TB PCIe M.2 SSD) RAID0 [Boot] + 512GB PCIe M.2 SSD [Storage]

4TB (2x 2TB PCIe M.2 SSD) RAID0 [Boot] + 512GB PCIe M.2 SSD [Storage]

Color

Lunar Light with High Endurance Clear Coat

Dark Side of the Moon with High Endurance Clear Coat

Keyboard

Keyboard Options

Alienware mSeries 4-Zone AlienFX RGB keyboard (Standard)

1.7mm key travel

Includes anti-ghosting technology

Alienware mSeries per-key AlienFX RGB keyboard (Optional)

1.7mm key travel

Includes anti-ghosting and N-key rollover technology

0.2mm-dish concave key design

Mouse

Touchpad Detail

Multi-touch gesture premium precision-point glass touchpad with integrated scrolling

Ports

1 x Power/DC-in Port
1 x RJ-45 Killer™ Ethernet E3100 10/100/1000Mbps/2.5Gbps Port
2 x Type-A USB 3.1 Gen 1 Port
1 x Type-A USB 3.1 Gen 1 Port with PowerShare technology
1 x Thunderbolt™ 3 Port (USB Type-C™ with support for USB 3.1 Gen 2 10Gbps, 40Gbps Thunderbolt, and DisplayPort 1.2)
1 x Alienware Graphics Amplifier Port
1 x HDMI 2.0b with HDCP 2.2 Output Port
1 x Mini-Display Port 1.4 (certified) Output Port
1 x Audio Out 0.125" Ports (Compatible with inline mic headset)

Optical Drive

No Optical Drive

Slots

1 x Wedge-shaped lock slot (cable and lock sold separately)
1 x microSD 5.1, UHS-II HD312 Card Reader

Dimensions & Weight

Height (rear): 0.8154" (20.71 mm)
Height (peak): 0.87" (22.0 mm)
Height (front): 0.6618" (16.9 mm)

Depth: 11.585" (294.26 mm)

Width: 15.74" (399.8 mm)

Lowest weight: 5.51lbs (2.50 Kgs)⁵
Maximum weight: 6.55lbs (2.97 Kgs)

Camera

Alienware HD (1280x720 resolution) camera with dual-array integrated microphones

Audio and Speakers

4-Way (Woofer/Tweeter) Stereo Speaker Design
Introduces Discrete Smart Amp Woofer technology
Delivers 2.5x bass improvement over previous generation
Delivers 2x treble improvement over previous generation
Delivers 30% loudness improvement over previous generation for full range performance

Chassis

Based on Alienware's Legend industrial design language
Engineered with Alienware's Advanced Cryo-Tech Cooling technology
Engineered with HyperEfficient Voltage Regulation
Constructed with a Magnesium Alloy exterior shell and copper alloy thermal components

Wireless

Killer™ Ethernet E3100 10/100/1000Mbps/2.5Gbps NIC (Standard)
Killer™ Wi-Fi6 AX1650W 802.11ax 2x2 Wireless LAN and Bluetooth 5.0 (Standard)

Primary Battery

Lithium Ion (56 Whr) Battery with Alienware Battery Defender technology (Standard)
Lithium Ion (86 Whr) Battery with Alienware Battery Defender technology

Regulatory