

Asus TUF Gaming A15 Techspec



Operating System

Windows 10 Home - ASUS recommends Windows 11 Pro for business

WITHOUT OS

Windows 10 Pro - ASUS recommends Windows 11 Pro for business

Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11.

Processor

AMD Ryzen™ 7 4800H Mobile Processor (8-core/16-thread, 12MB Cache, 4.2 GHz max boost)

AMD Ryzen™ 9 4900H Mobile Processor (8-core/16-thread, 12MB Cache, 4.4 GHz max boost)

AMD Ryzen™ 5 4600H Mobile Processor (6-core/12-thread, 11MB Cache, 4.0 GHz max boost)

NVIDIA® GeForce RTX™ 2060. 6GB GDDR6

Graphics

NVIDIA® GeForce® GTX 1650 Ti, 4GB GDDR6

NVIDIA® GeForce® GTX 1660Ti, 6GB GDDR6

NVIDIA® GeForce GTX™ 1650 , 4GB GDDR6

Display

15.6-inch, FHD (1920 x 1080) 16:9, anti-glare display, sRGB:62.5%, Adobe:47.1%, Refresh Rate:144Hz, Value IPS-level, Optimus

15.6-inch, FHD (1920 x 1080) 16:9, anti-glare display, sRGB:62.5%, Adobe:47.3%, Refresh Rate:60Hz, Value IPS-level, Optimus

15.6-inch, FHD (1920 x 1080) 16:9, anti-glare display, sRGB:100%, Adobe:73.35%, Refresh Rate:144Hz, IPS-level, Optimus

15.6-inch, FHD (1920 x 1080) 16:9, anti-glare display, sRGB:100%, Adobe:75.35%, Refresh Rate:144Hz, IPS-level, Optimus

15.6-inch, FHD (1920 x 1080) 16:9, anti-glare display, sRGB:62.5%, Adobe:47.3%, Refresh Rate:144Hz, Value IPS-level, Optimus

Memory

16GB DDR4-3200 SO-DIMM, Max

Capacity:32GB

8GB DDR4-3200 SO-DIMM x 2, Max

Capacity:32GB

8GB DDR4-3200 SO-DIMM, Max Capacity:32GB

16GB DDR4-3200 SO-DIMM x 2, Max

Capacity:32GB

4GB DDR4-3200 SO-DIMM, Max Capacity:32GB

Storage

512GB PCIe® 3.0 NVMe™ M.2 SSD
1TB PCIe® 3.0 NVMe™ M.2 SSD
1TB 5400RPM 2.5" SATA HDD, 512GB PCIe® 3.0 NVMe™ M.2 SSD
256GB PCIe® 3.0 NVMe™ M.2 SSD
1TB 5400RPM 2.5" SATA HDD, 256GB PCIe® 3.0 NVMe™ M.2 SSD
1TB 5400RPM 2.5" SATA HDD

I/O Ports

1x 3.5mm Combo Audio Jack
1x HDMI 2.0b
1x USB 2.0 Type-A
1x USB 3.2 Gen 2 Type-C
2x USB 3.2 Gen 1 Type-A
1x RJ45 LAN port

Keyboard and Touchpad

Backlit Chiclet Keyboard 1-Zone RGB
Touchpad

Camera

720P HD camera

Audio

DTS software
Built-in array microphone
Built-in speaker

Network and Communication

Wi-Fi 5(802.11ac) (Dual band) 2*2 + Bluetooth 5.0
(*BT version may change with OS version different.)

Battery

48WHrs, 3S1P, 3-cell Li-ion
90WHrs, 4S1P, 4-cell Li-ion

Power Supply

ø6.0, 230W AC Adapter, Output: 19.5V DC, 11.8A,
230W, Input: 100~240V AC, 50/60Hz universal
ø6.0, 150W AC Adapter, Output: 20V DC, 7.5A,
150W, Input: 100~240V AC, 50/60Hz universal
ø6.0, 180W AC Adapter, Output: 20V DC, 9A,
180W, Input: 100~240V AC, 50/60Hz universal

Weight

2.30 Kg (5.07 lbs)

Dimensions (W x D x H)

35.9 x 25.6 x 2.47 ~ 2.49 cm (14.13" x 10.08" x 0.97"
~ 0.98")

Microsoft Office

1-month trial for new Microsoft 365 customers.
Credit card required.
Office Home and Student 2019 included

Office Home and Student

WPS Office 30 days trial version

Microsoft Office Home & Business 2019

WPS Office Standard Edition (With license for 3 products)

Security

BIOS Administrator Password and User Password Protection

Kensington Security Slot™

Included in the Box

TUF Gaming backpack

TUF Gaming Mouse M5

Note

¹Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see <https://www.microsoft.com/en-us/windows/windows-11-specifications>).