

Asus TUF Gaming FX705

Power up Your Gaming with the Asus TUF Gaming FX705:

Designed Specifically for gamers, the Asus TUF Gaming FX705 is an excellent option for gamers who want a smooth and premium gaming experience without breaking the bank. The ASUS TUF Gaming FX705 is a mid-level gaming laptop packed with cutting-edge features and powerful hardware that offers an excellent overall experience. Furthermore, with its sleek and durable design, this gaming laptop is just as stylish and tough as it is powerful. With its unmatched combination of style, performance, and durability, it's sure to be your go-to choice for years to come.

Overview:

The display is the most important thing in any laptop, and the Asus TUF Gaming FX705 gaming laptop comes with a 17.3-inch display with 1080p HD resolution. In addition, the FX705 features an IPS-level panel with an ultra-fast refresh rate of up to 144Hz for a smooth gaming experience with minimal FPS drops. The keyboard of the Asus TUF Gaming FX705 consists of RGB backlit lighting that can be controlled by the TUF Aura Core panel so that you can customize it according to your choice. Furthermore, the keyboard is specially optimized for gaming with HyperStrike technology which ensures accurate typing and improved ergonomics. On top of that, the Overstroke technology registers the keystroke faster, improving response time and giving you an edge during competitive gaming. While it doesn't include Nvidia's newer and more powerful RTX cards, the Asus TUF Gaming FX705's GeForce GTX 1060 GPU with 6 GB of VRAM still packs a punch. As a result, it can run modern games easily on medium to high settings, providing vivid visuals and super smooth gameplay. Moreover, It's powered up by an 8th Generation Intel® Core™ i7-8750H Hexa-core processor. With its six cores, it can deliver speeds up to 3.9GHz. Gaming laptops usually get pretty hot while gaming, but with ASUS-exclusive HyperCool technology comprising the Anti-Dust Cooling (ADC) system and Fan Overboost technology, the FX705 remains cool while intensive gaming sessions. Furthermore, this machine is a great option for you if you love multitasking; the DDR4 2666MHz memory, which can be expanded up to 32 GB, can efficiently keep up with all your tasks. The FX705 is equipped with a 5400rpm FireCuda SSHD, which can be expanded up to 1 TB, that loads games more than 2X faster than 5400rpm HDDs found in its rival laptops. The FX705 features a variety of I/O ports for all your needs; it has two USB 3.1 Gen 1 Type-A ports, a single USB 2.0 port for your gaming peripherals, and an HDMI 2.0 port to connect to an external display. Apart from the powerful performance, the Asus TUF Gaming FX705 is also built to last. The lid is made with a thick piece of metal that is much stronger than other Asus laptops, and the rest is all plastic but of good quality. The laptop feels sturdy overall. The only weak link of this laptop is the speakers. Although they have 7.1 surround sound, their performance still isn't up to the mark compared to the other features of this laptop. The Asus TUF Gaming FX705 comes in two different designs; aluminum Gunmetal Grey or black plastic cover featuring the distinctive Radiating-X design.

Design:

The FX705 is available in Gold Steel, or Red Matter color schemes. The lid cover sports ASUS's TUF gaming signature radiating X design which gives the laptop a stylish look. A TUF gaming logo is visible on the plastic deck at the bottom right corner when you open the lid of the laptop. The center of the deck has a horizontal brushed texture, while a vertical pattern clashes on the outer edges. The area around the keyboard has a brushed metal finish in black. Although most of the Asus TUF Gaming FX705 is built with plastic, the metal lid gives it a premium look. The design of this laptop is neat and appealing with respect to the price.

Build Quality:

The Asus TUF Gaming FX705 weighs around 2.6 kg which is lighter than most 17-inch laptops. The lid is made out of metal and is much stronger than other Asus laptops, and the rest is all plastic. The hinges are fairly strong, which keeps the screen in place. They allow the screen to be opened with one hand and up to 145 degrees. The keyboard deck has some flex; other than that, the laptop has a robust build and feels sturdy. The TUF series is also MIL-STD-810 certified, which means it's "certified to survive day-to-day accidents," according to Asus. The durability of FX705 is pushed to its limit to survive everyday accidental bumps and drops, so if you are a clumsy person, this laptop can endure the punishment. In addition, the laptop is compact, lightweight, and well-built for the price point.

Display:

The display on the Asus TUF Gaming FX705 measures 17.3 inches diagonally. The IPS full HD resolution has an anti-glare, matte finish. The FX705 is offered with a standard 60Hz and a 144Hz refresh rate. The screen has a good response time, especially when paired with the powerful GTX 1060. It is able to give desirable frame rates in almost every game. However, there is no GSync. When it comes to brightness, the Asus FX705's display is just average, with a maximum brightness of 270 nits, which is brighter for most working areas as long as there is no extremely bright direct light over the display. The colors on the screen appear true and balanced without any oversaturation. According to different tests, the display is capable of producing 89% of the colors in the sRGB color space and 58% of the colors in the Adobe RGB color space, which is quite decent.

Keyboard and Trackpad:

The Asus TUF Gaming FX705 features a full-size keyboard with large and well-spaced keys. The WASD keys have been deliberately made extinguishable by Asus. Clear keycaps have been used for them so you can easily track down your opponents. The keyboard is optimized for gaming. It has backlit RGB lighting across all zones that can be controlled using the TUF Aura panel, which allows you to adjust the colors and switch between different effects such as breathing, strobing, etc. Moreover, the exclusive HyperStrike technology ensures accurate typing and improved ergonomics. In addition, Overstroke technology registers keystrokes faster, allowing for more precise and effortless control.

The touchpad of the Asus TUF Gaming FX705 is 4.1 x 2.8 inches in dimensions. The touchpad is smooth, and the fingers comfortably glide across it as long as they are not greasy. The

touchpad is fast and responsive, and it handles everyday swipes, gestures, and taps smoothly and reliably. However, the precision of the touchpad is not up to the mark and could have been better. In conclusion, the input devices of this laptop do not make it to the top of the list, but they perform just well.

Performance:

The Asus TUF Gaming FX705 is a powerful gaming machine featuring an 8th Generation Intel® Core™ i7-8750H Hexa-core processor. On top of that, it is accompanied by the Nvidia GeForce GTX 1060 graphics card with 6 GB of VRAM. The laptop comes equipped with 8 GB single-channel RAM, but it can be expanded all the way up to 32 GB. The Core i7-8750H and the 32 GB of DDR4-RAM have enough power to last several years. However, the GeForce GTX 1060 might become obsolete sooner or later. Still, its performance is sufficient to run games with vivid details in full HD resolution for now. In the budget that FX705 is offered in, this is an excellent combination for a comfortable gaming experience.

Processor:

The Asus TUF Gaming FX705 is powered by an 8th Generation Intel® Core™ i7-8750H Hexa-core processor. It is one of the most popular notebook CPUs. It is a six-core CPU, and it is able to process 12 threads in parallel due to hyperthreading. This process allows for more efficient multitasking. It has a base frequency of 2.2 GHz and a max frequency of 4.1 GHz. As a result, the FX705 showed an impressive result in the benchmarks. However, Intel's six-core CPUs are unable to maintain their maximum turbo level for a longer period of time; the same is the case with FX705, the clock already dropped from 3.9 GHz to 3.0 GHz in the first Cinebench loop. Still, this laptop had a better average score than its competitors.

Graphics Card:

The Asus TUF Gaming FX705 features an Nvidia GeForce GTX 1060 graphics card with 6 GB of VRAM. It also comes with a model with a GTX 1050Ti, but if you wish to play triple-A games with good graphics and smooth gameplay, you should go for FX705, which is accompanied by GTX 1060. The 17-inch notebook was able to complete the gaming stress test without any issues. In the Unigine Heaven 4.0 benchmark, the GTX 1060 ranged from a base clock of 1405 MHz to 1911 MHz of maximum overclock. The FX705 can run all the latest games at medium to high settings without stuttering.

Ports:

All the ports are located on the left-hand side of the Asus TUF Gaming FX705. At first, we see a round pin power port, followed by a LAN port. The laptop also had an HDMI port to connect to an external display. Next to it is a single USB 2.0 port and two USB 3.1 Gen 1 Type-A ports. At the end is the 3.5mm audio jack for headsets. Alone on the right side of the laptop is a Kensington lock. The FX705 does lack the USB Type-C port.

Audio:

The speakers of the Asus TUF Gaming FX705 are not up to the mark. There is a lot of room for improvement for the speakers. Both of the speakers are located behind the grill on the sides. According to different audio analysis, the sound stage lacks bass, which messes with the balance and somewhat marginalizes lower tones. Asus can do better, as is evident from their other laptops. It is advisable to wear headsets or use external speakers when gaming or streaming media on the FX705 for a better experience.

Battery Life:

There is a 64 Wh battery on the Asus TUF Gaming FX705. The laptop's battery life is quite decent for a gaming laptop. In ideal circumstances, when used in low and minimal brightness, the battery of FX705 can last up to 6 hours, which is really good for a gaming notebook. However, gaming sessions at full brightness will limit the battery life to 1 to 1.5 hours at max. Keeping the resolution to 60 Hz instead of 144 Hz and turning the keyboard illumination off can extend the battery life of this notebook.

Specifications:

Following are the specifications of The ASUS TUF Gaming FX705:

Processor:

- Intel® Kaby Lake Core™ i7-8750H

Display:

- 17.3-inch Full HD (1920x1080) IPS-level panel, 144 Hz

Graphics Card:

- NVIDIA GeForce GTX 1060

Memory:

- 32GB DDR4 RAM

Storage:

- 256 GB SSD (M.2 PCIe) + 1 TB 5400 rpm HDD (2.5")

Keyboard:

- RGB-backlit, 1.8mm key travel, 20 million key press lifespan

Connectivity:

- Wi-Fi 5 (802.11ac), Bluetooth 5.0

Ports:

- 2x USB 3.1 Gen 1 Type-A, 1x USB 2.0 Type-A, 1x HDMI, 1x RJ45 Ethernet, 1x headphone/mic combo jack, 1x Kensington lock slot

Audio:

- DTS Headphone:X, built-in speakers

OS:

- Windows 10

Battery:

- 64Wh, 180 W charger

Dimensions:

- 399.8 x 279.4 x 26.6mm

Weight:

- 2.7kg

Pros

- **Large and vibrant display:**

The Asus TUF Gaming FX705 has a massive 17.3-inch Full HD display that gives an immersive visual experience. On top of that, it also has an IPS-level panel for accurate and vibrant colors.

- **Powerful processor:**

The Asus TUF Gaming FX705 is powered by Intel® Core™ i7-8750H, which is a Hexa-core processor that can handle multitasking efficiently and can run all the AAA titles smoothly.

- **Responsive Keyboard:**

The FX705 has an RGB-backlit keyboard with 1.8mm key travel for comfortable and responsive typing. In addition, the exclusive HyperStrike technology ensures accurate typing.

- **Durable design:**

Asus claims that the TUF Gaming FX705 is Military-grade MIL-STD-810G certified. It has a sturdy design for long-lasting use.

- **Wide range of connectivity options:**

The FX705 is easy to connect to peripherals and external devices as it has multiple USB ports, HDMI, Ethernet, and a headphone/mic combo jack for versatile connectivity options.

Cons:

- **Bulky:**
The bulky and heavy design of the laptop makes it less portable than some other laptops. Therefore, it is not ideal for frequent traveling.
- **Short battery life:**
The Battery life of FX705 is around 5-6 hours may not be sufficient for all-day use. In addition, it is drained out even quickly during gaming or intensive workloads, so frequent charging is needed.
- **Limited color options:**
The Asus TUF Gaming FX705 is only available in two color options, which may not be appealing to all users.
- **High temperatures:**
The FX705 runs hot during long and intense gaming sessions. This may affect the performance and lifespan of components. It may require additional cooling solutions to prevent overheating.
- **No Thunderbolt 3 port:**
The FX705 does not have a Thunderbolt 3 port which limits its connectivity with some external devices and may require additional adapters to connect to certain devices.

Where to Buy?

The Asus TUF Gaming FX705 can be purchased from a variety of retailers, both online and in-store. Some popular options include Amazon, Best Buy, Micro Center, and ASUS online store.

FAQs:

- **Is the FX705 a budget gaming laptop?**
Yes, it is a budget gaming laptop, and its price ranges from \$800 to \$1200.
- **Is the RAM upgradable?**
Yes, Asus TUF Gaming FX705 has two ram slots which can be expandable to up to 32 GB.
- **Does the Asus TUF Gaming FX705 have a 144Hz display?**
The Asus TUF Gaming FX705 has two models: one has a standard 60Hz display, and the other has a 144Hz display.
- **Does the FX705 have an RGB keyboard?**
Yes, the FX705 has a backlit keyboard with RGB lighting.

- **Does the Asus TUF Gaming FX705 come with a warranty?**

The Asus TUF Gaming FX705 comes with a standard international two-year warranty that covers all manufacturing defects.

- **Is the FX705 handle modern games smoothly**

Yes, this laptop is particularly designed for gaming and can run modern games smoothly. However, the performance may vary depending on the specific game and settings used.

Final Verdict:

The Asus TUF Gaming FX705 is a decent option for those gamers who want to have a smooth gaming experience without breaking the bank. The 17.3-inch Full HD display with a refresh rate of 144Hz produces vivid and detailed images. In addition to this, the Intel® Core™ i7-8750H combined with the GeForce GTX 1060 provides a fantastic all-round performance. The FX705 delivers a powerful punch but also has some shortcomings; the speakers are not that good, and the battery life is just average. The webcam on this laptop is also poor. But none of those are deal breakers, especially when considering the competitive pricing of the FX705 and the massive 17-inch display. Overall, the Asus TUF Gaming FX705 provides strong performance at a lower price segment. However, in our opinion, you can get better options than the ASUS FX705 with Nvidia's newer RTX graphics cards with Ray Tracing features. We don't recommend buying laptops that have been out for over three years.