**ASUS**

## ASUS TUF Gaming FA506IV-HN198T laptop 39.6 cm (15.6") Full HD AMD Ryzen™ 7 4800H 16 GB DDR4-SDRAM 512 GB SSD NVIDIA® GeForce RTX™ 2060 Wi-Fi 5 (802.11ac) Windows 10 Home Black

**Brand :** ASUS

**Product family:** TUF Gaming

**Product code:** FA506IV-HN198T

**Product name :** FA506IV-HN198T

AMD Ryzen 7 4800H (8MB Cache, 2.9GHz), 16GB DDR4-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, AMD Radeon Graphics, NVIDIA GeForce RTX 2060, LAN, WLAN, Webcam, Windows 10 Home 64-bit

ASUS TUF Gaming FA506IV-HN198T. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 4800H, Processor frequency: 2.9 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon Graphics. Operating system installed: Windows 10 Home. Product colour: Black

| **Design** | |
|---|---|
| Product type * | Laptop |
| Product colour * | Black |
| Form factor * | Clamshell |
| Market positioning | Gaming |

| **Display** | |
|---|---|
| Display diagonal * | 39.6 cm (15.6") |
| Display resolution * | 1920 x 1080 pixels |
| Touchscreen * | ✘ |
| HD type | Full HD |
| Panel type | IPS |
| LED backlight | ✔ |
| Native aspect ratio | 16:9 |
| Display surface | Matt |
| Maximum refresh rate | 144 Hz |

| **Processor** | |
|---|---|
| Processor manufacturer * | AMD |
| Processor family * | AMD Ryzen™ 7 |
| Processor model * | 4800H |
| Processor frequency * | 2.9 GHz |
| Processor boost frequency | 4.2 GHz |
| Processor cores | 8 |
| Processor cache | 8 MB |
| Processor cache type | L2 & L3 |

| **Memory** | |
|---|---|
| Internal memory * | 16 GB |
| Internal memory type | DDR4-SDRAM |
| Memory form factor | SO-DIMM |
| Memory slots | 2x SO-DIMM |

| **Audio** | |
|---|---|
| Built-in microphone | ✔ |

| **Camera** | |
|---|---|
| Front camera | ✔ |
| Front camera HD type | HD |

| **Network** | |
|---|---|
| Top Wi-Fi standard * | Wi-Fi 5 (802.11ac) |
| Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac) |
| Mobile network connection * | ✘ |
| Antenna type | 2x2 |
| Ethernet LAN | ✔ |
| Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Bluetooth | ✔ |
| Bluetooth version | 5.0 |

| **Ports & interfaces** | |
|---|---|
| USB 2.0 ports quantity * | 1 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| Ethernet LAN (RJ-45) ports | 1 |
| HDMI ports quantity * | 1 |
| HDMI version | 2.0b |
| Combo headphone/mic port | ✔ |

| **Keyboard** | |
|---|---|
| Pointing device | Touchpad |
| Numeric keypad * | ✔ |

**Memory**

| | |
|---|---|
| Maximum internal memory * | 32 GB |

**Storage**

| | |
|---|---|
| Total storage capacity * | 512 GB |
| Storage media * | SSD |
| Total SSDs capacity | 512 GB |
| Number of SSDs installed | 1 |
| SSD capacity | 512 GB |
| Optical drive type * | ✘ |

**Graphics**

| | |
|---|---|
| Discrete graphics card model * | NVIDIA® GeForce RTX™ 2060 |
| On-board graphics card * | ✔ |
| Discrete graphics card * | ✔ |
| On-board graphics card model * | AMD Radeon Graphics |
| Discrete graphics card memory | 6 GB |
| Discrete graphics memory type | GDDR6 |

**Software**

| | |
|---|---|
| Operating system architecture | 64-bit |
| Operating system installed * | Windows 10 Home |

**Power**

| | |
|---|---|
| AC adapter frequency | 50/60 Hz |
| AC adapter input voltage | 100 - 240 V |

**Security**

| | |
|---|---|
| Cable lock slot | ✔ |
| Cable lock slot type | Kensington |

**Weight & dimensions**

| | |
|---|---|
| Width | 359 mm |
| Depth | 256 mm |
| Height (front) | 2.47 cm |
| Height (rear) | 2.49 cm |
| Weight * | 2.3 kg |

**Logistics data**

| | |
|---|---|
| Harmonized System (HS) code | 84713000 |

**Technical details**

| | |
|---|---|
| Repairability index | 6.5 |

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