



ASUS TUF Gaming A15 FA507UV-LP010W AMD Ryzen™ 9 8945H Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 6 (802.11ax) Windows 11 Home Grey

Brand : ASUS

Product family: TUF Gaming

Product code: 90NR0I28-M000D0

Product name : FA507UV-LP010W



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- Windows 11 Home 64-bit
 - AMD Ryzen 9 8945H (24MB Cache, 4GHz)
 - 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 4060 (8GB GDDR6)
 - 16GB (5600MHz) DDR5-SDRAM & 1000GB SSD
 AMD Ryzen 9 8945H (24MB Cache, 4GHz), 16GB DDR5-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, AMD Radeon 780M, NVIDIA GeForce RTX 4060 (8GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
 ASUS TUF Gaming A15 FA507UV-LP010W. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 9, Processor model: 8945H, Processor frequency: 4 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: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 780M. Operating system installed: Windows 11 Home. Product colour: Grey



| Design | | Camera | |
|---------------------------|-----------------------|---|--------------------|
| Colour name | Jaeger Gray | Front camera | ✓ |
| Product type * | Laptop | Front camera resolution | 1280 x 720 pixels |
| Product colour * | Grey | Front camera HD type | HD |
| Form factor * | Clamshell | Network | |
| Housing material | Aluminium | Top Wi-Fi standard * | Wi-Fi 6 (802.11ax) |
| Market positioning | Gaming | Wi-Fi standards | Wi-Fi 6 (802.11ax) |
| Introduction year | 2024 | Mobile network connection * | ✗ |
| Display | | Antenna type | 2x2 |
| Display diagonal * | 39.6 cm (15.6") | Ethernet LAN | ✓ |
| Display resolution * | 1920 x 1080 pixels | Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Touchscreen * | ✗ | Bluetooth | ✓ |
| HD type | Full HD | Bluetooth version | 5.3 |
| Panel type | IPS | Ports & interfaces | |
| Native aspect ratio | 16:9 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Anti-glare screen | ✓ | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| Display brightness | 250 cd/m ² | USB4 Gen 2x2 ports quantity | 1 |
| RGB colour space | sRGB | Ethernet LAN (RJ-45) ports | 1 |
| Colour gamut | 100% | HDMI ports quantity * | 1 |
| Maximum refresh rate | 144 Hz | HDMI version | 2.1 |
| Processor | | Combo headphone/mic port | ✓ |
| Processor manufacturer * | AMD | Power adapter barrel connector | 6.0 mm |
| Processor family * | AMD Ryzen™ 9 | USB Type-C DisplayPort Alternate Mode | ✓ |
| Processor model * | 8945H | Keyboard | |
| Processor cores | 8 | Pointing device | Touchpad |
| Processor boost frequency | 5.2 GHz | Numeric keypad * | ✓ |
| Processor frequency * | 4 GHz | | |
| Processor cache | 24 MB | | |
| Processor cache type | L2 & L3 | | |

| | | | |
|------------------------------------|-------------------------|--------------------------------|---------------------------|
| Neural processor unit (NPU) | | Keyboard | |
| Neural processor unit (NPU) | AMD Ryzen AI | Keyboard backlit | ✓ |
| Total processor performance up to | 39 TOPs | Keyboard backlit colour | RGB |
| NPU performance up to | 16 TOPs | Keyboard backlit zone | 1-zone RGB |
| Memory | | Software | |
| Internal memory * | 16 GB | Operating system architecture | 64-bit |
| Internal memory type | DDR5-SDRAM | Operating system installed * | Windows 11 Home |
| Memory clock speed | 5600 MHz | Battery | |
| Memory form factor | SO-DIMM | Battery technology | Lithium-Ion (Li-Ion) |
| Memory slots | 2x SO-DIMM | Number of battery cells | 4 |
| Maximum internal memory * | 32 GB | Battery capacity * | 90 Wh |
| Storage | | Fast charging | ✓ |
| Total storage capacity * | 1 TB | Fast charging time (50%) | 30 min |
| Storage media * | SSD | Power | |
| Total SSDs capacity | 1 TB | AC adapter power | 240 W |
| Number of SSDs installed | 1 | AC adapter frequency | 50 - 60 Hz |
| SSD capacity | 1 TB | AC adapter input voltage | 100 - 240 V |
| SSD interface | PCI Express 4.0 | AC adapter output current | 12 A |
| NVMe | ✓ | AC adapter output voltage | 20 V |
| SSD form factor | M.2 | Security | |
| Optical drive type * | ✗ | Cable lock slot | ✓ |
| Graphics | | Cable lock slot type | Kensington |
| Discrete GPU manufacturer | NVIDIA | Trusted Platform Module (TPM) | ✓ |
| Discrete graphics card model * | NVIDIA GeForce RTX 4060 | Password protection | ✓ |
| Discrete graphics card memory | 8 GB | Password protection type | BIOS, User |
| Discrete graphics memory type | GDDR6 | Sustainability | |
| On-board graphics card * | ✓ | Sustainability compliance | ✓ |
| Discrete graphics card * | ✓ | Sustainability certificates | EPEAT Bronze, ENERGY STAR |
| On-board graphics card model * | AMD Radeon 780M | Weight & dimensions | |
| NVIDIA G-SYNC | ✓ | Width | 251 mm |
| Audio | | Depth | 354 mm |
| Audio system | Dolby Atmos | Height (front) | 2.24 cm |
| Number of built-in speakers | 2 | Height (rear) | 2.49 cm |
| Built-in microphone | ✓ | Weight * | 2.2 kg |



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