

# LAPTOP 1

- Size: 15.6"
- Color: Obsidian Black
- Category: Gaming
- Processor: Intel® Core™ i5-11400H processor (12 MB Smart Cache, 2.7 GHz with Turbo Boost up to 4.5 GHz, DDR4)
- Memory: 8 GB of DDR4 3200 mhz system memory, upgradable to 32 GB using two soDIMM modules
- Memory Slots: 2
- Storage: 512GB NVMe SSD
- M.2 Slots: 1
- Display Panel/ Resolution: 15.6"" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080 144Hz, 7ms, G-Sync Support
  - 16:9 aspect ratio, 72% NTSC color gamut
  - Wide viewing angle up to 170 degrees
  - Ultra-slim design
  - Mercury free, environment friendly"
- Graphics: "NVIDIA® GeForce RTX™ 3050
  - 1500 - 1740 MHz Boost Clock
  - NVIDIA Ampere Streaming Multiprocessors
  - 2nd Generation RT Cores
  - 3rd Generation Tensor Cores
  - Dynamic Boost 2.0
  - WhisperMode 2.0
  - Resizable BAR
  - DLSS
  - Advanced Optimus
  - Intelligent Battery Life"
- Network Connection: WLAN
  - Killer™ Wi-Fi 6 AX 1650i
  - 802.11 a/b/g/n+acR2+ax wireless LAN
  - Dual Band (2.4 GHz and 5 GHz)
  - 2x2 MU-MIMO technology
  - Supports Bluetooth® 5.1
- LAN
  - Killer™ Ethernet E2600
  - 10/100/1000 Mbps
  - Hibernation mode support
  - Wake On Lan support
  - IPv4 and IPv6 support"
- Operating System: Windows 10 Home
- Audio: DTS® X:Ultra Audio, featuring optimized Bass, Loudness, Speaker
- Protection with up to 6 custom content modes by smart amplifier
  - Supported in Windows Spatial Sound for PC Gaming with DTS license integrated
  - Immersive audio rendering over headphones and internal speakers
  - Purified.Voice technology with dual built-in microphones. Features include far-field pickup, keystroke suppression, adaptive beam forming, and pre-defined personal and conference call modes.
  - Compatible with Cortana with Voice
  - TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound"
- Adapter: 3-pin 180 W AC adapter
- Battery Type: 57.5 Wh 4-cell Li-ion battery
- Camera: Video conferencing HD webcam with:
  - 1280 x 720 resolution
  - 720p HD audio/video recording
  - Super high dynamic range imaging (SHDR)"
- Input/Output Ports: "USB Type-C™ port supporting:
  - USB 3.2 Gen 2 (up to 10 Gbps)
  - DisplayPort over USB-C
  - USB charging 5 V; 3 A
  - Input and output

- One USB 3.2 Gen 2 port featuring power-off USB charging
- Two USB 3.2 Gen 1 ports
- Ethernet (RJ-45) port
- HDMI® 2.1 port with HDCP support
- HDMI® 2.0 port with HDCP support
- 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone
- DC-in jack for AC adapter"
- Keyboard & Touchpad: "Keyboard
  - 103-/104-/107-key FineTip RGB-backlit keyboard with independent standard numeric keypad, international language support
- TouchPad
  - Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands
  - Microsoft Precision Touchpad certification
  - Moisture resistant"