



L A P T O P S

## Cyborg 15 A13V

CYBORG 15 A13VE-435SG

## Specification

|                                     |   |
|-------------------------------------|---|
| <b>CPU</b>                          | 13th Gen Intel® Core™ i5-13420H processor<br>8 cores (4 P-cores + 4 E-cores), Max Turbo Frequency 4.6 GHz   |
| <b>Operating Systems</b>            | Windows 11 Home (MSI recommends Windows 11 Pro for business.)   |
| <b>Display</b>                      | 15.6" FHD(1920x1080), 144Hz Refresh Rate, IPS-Level   |
| <b>Chipset</b>                      | Integrated SoC  |
| <b>Memory</b>                       | 16GB*1, DDR5-5200   |
| <b>Audio</b>                        | 2x 2W Audio Speaker<br>Nahimic 3 Audio Enhancer, Hi-Res Audio Ready   |
| <b>Storage</b>                      | 512GB*1 NVMe SSD PCIe Gen4  |
| <b>Discrete Graphics</b>            | NVIDIA® GeForce RTX™ 4050 Laptop GPU<br>Up to 1605MHz Boost Clock 45W Maximum Graphics Power with Dynamic Boost. *May vary by scenario                        |
| <b>Video Memory</b>                 | 6GB GDDR6   |
| <b>Memory Slot and Max Capacity</b> | 2 Slots, Max 64GB   |
| <b>Storage Slot</b>                 | 1x M.2 SSD slot (NVMe PCIe Gen4)  |
| <b>Keyboard</b>                     | Single Backlit Keyboard (Blue)  |
| <b>WebCam</b>                       | HD type (30fps@720p)  |
| <b>Audio Port</b>                   | 1x Mic-in/Headphone-out Combo Jack  |
| <b>USB Ports</b>                    | 1x Type-C (USB3.2 Gen1 / DP)<br>2x Type-A USB3.2 Gen1   |
| <b>Warranty</b>                     | 2 years limited warranty  |
| <b>Video Ports</b>                  | 1x HDMI™ 2.1 (4K @ 60Hz)  |
| <b>LAN</b>                          | Gigabit Ethernet  |
| <b>Wi-Fi/ Bluetooth</b>             | Intel® Wi-Fi 6E AX211, Bluetooth v5.3   |
| <b>Security</b>                     | Kensington Lock   |
| <b>AC Adapter</b>                   | 120W Adaptor  |
| <b>Battery</b>                      | 3-Cell<br>53.5 Whrs   |
| <b>Dimension (WxDxH)</b>            | 359.36 x 250.34 x 21.95~22.9 mm   |
| <b>Weight (W/ Battery)</b>          | 1.98 kg   |
| <b>Chassis Color</b>                | Translucent Black   |
| <b>Xbox Game Pass</b>               | One month of Game Pass Ultimate<br>*Spec may vary by model. Please refer to the final spec of the product purchased for Xbox Game Pass pre-installed details. |