



NOTEBOOK

# Thin 15 B12U

THIN 15 B12UCX-1696IN

## Specification

|                              |                                                                                                                                        |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| CPU                          | 12th Gen Intel® Core™ i5-12450H processor<br>8 cores (4 P-cores + 4 E-cores), Max Turbo Frequency 4.4 GHz                              |
| Operating Systems            | Windows 11 Home (MSI recommends Windows 11 Pro for business.)                                                                          |
| Display                      | 15.6" FHD(1920x1080), 144Hz Refresh Rate, IPS-Level                                                                                    |
| Chipset                      | Integrated SoC                                                                                                                         |
| Discrete Graphics            | NVIDIA® GeForce RTX™ 2050 Laptop GPU<br>Up to 1170MHz Boost Clock 45W Maximum Graphics Power with Dynamic Boost. *May vary by scenario |
| Video Memory                 | 4GB GDDR6                                                                                                                              |
| Memory                       | 8GB*1, DDR4-3200                                                                                                                       |
| Memory Slot and Max Capacity | 2 Slots, Max 64GB                                                                                                                      |
| Storage                      | 512GB*1 NVMe SSD PCIe Gen4                                                                                                             |
| Storage Slot                 | 1x M.2 SSD slot (NVMe PCIe Gen4)<br>1x 2.5" SATA HDD                                                                                   |
| Keyboard                     | Single Backlit Keyboard (Blue)                                                                                                         |
| WebCam                       | HD type (30fps@720p)                                                                                                                   |
| Audio                        | 2x 2W Audio Speaker<br>Hi-Res Audio Ready, DTS Audio Processing                                                                        |
| Audio Port                   | 1x Mic-in, 1x Headphone-out                                                                                                            |
| USB Ports                    | 3x Type-A USB3.2 Gen1<br>1x Type-C (USB3.2 Gen1 / DisplayPort™)                                                                        |
| Video Ports                  | 1x HDMI™ (4K @ 30Hz)                                                                                                                   |
| LAN                          | Gigabit Ethernet                                                                                                                       |
| Wi-Fi/ Bluetooth             | Intel® Wi-Fi 6E AX211, Bluetooth v5.3                                                                                                  |
| Security                     | Firmware Trusted Platform Module(fTPM) 2.0, Kensington Lock                                                                            |
| AC Adapter                   | 120W Adaptor                                                                                                                           |
| Battery                      | 3-Cell<br>52.4 Whrs                                                                                                                    |
| Dimension (WxDxH)            | 359 x 254 x 21.7 mm                                                                                                                    |
| Weight (W/ Battery)          | 1.86 kg                                                                                                                                |
| Chassis Color                | Cosmos Gray                                                                                                                            |
| Warranty                     | 2 years limited warranty                                                                                                               |