



L A P T O P S

## Pulse 17 B13V

PULSE 17 B13VFK-621TH

## Specification

<b>Operating Systems</b>	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
<b>CPU</b>	13th Gen Intel® Core™ i9-13900H processor 14 cores (6 P-cores + 8 E-cores), Max Turbo Frequency 5.4 GHz
<b>Chipset</b>	Integrated SoC
<b>Memory</b>	16GB*2, DDR5-5200
<b>Display</b>	17.3" QHD(2560x1440), 240Hz Refresh Rate, IPS-Level, 100% DCI-P3(Typical)
<b>Audio</b>	2x 2W Audio Speaker Nahimic 3 Audio Enhancer, Hi-Res Audio Ready
<b>Storage</b>	1TB*1 NVMe SSD PCIe Gen4
<b>Discrete Graphics</b>	NVIDIA® GeForce RTX™ 4060 Laptop GPU Up to 2370MHz Boost Clock 140W Maximum Graphics Power with Dynamic Boost. *May vary by scenario *Full-Power GPU Design
<b>Storage Slot</b>	1x M.2 SSD slot (NVMe PCIe Gen4)
<b>Audio Port</b>	1x Mic-in/Headphone-out Combo Jack
<b>Video Memory</b>	8GB GDDR6
<b>Wi-Fi/ Bluetooth</b>	Intel® Wi-Fi 6 AX201, Bluetooth v5.2
<b>Memory Slot and Max Capacity</b>	2 Slots, Max 64GB
<b>Security</b>	Firmware Trusted Platform Module(fTPM) 2.0
<b>AC Adapter</b>	240W Adaptor
<b>Battery</b>	4-Cell 90 Whrs
<b>Chassis Color</b>	Gray
<b>Keyboard</b>	4-Zone RGB Gaming Keyboard
<b>Warranty</b>	2 years limited warranty
<b>WebCam</b>	HD type (30fps@720p)
<b>USB Ports</b>	1x Type-C (USB3.2 Gen1/ DP) 1x Type-C (USB3.2 Gen1 / DP) 2x Type-A USB3.2 Gen1 1x Type-A USB2.0
<b>LAN</b>	Gigabit Ethernet
<b>Video Ports</b>	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
<b>Dimension (WXDXH)</b>	398 x 273 x 27.2 mm
<b>Weight (W/ Battery)</b>	2.7 kg
<b>Certification</b>	Meta Ready