



PORTÁTILES

Vector GP78 HX 13V

VECTOR GP78HX 13VI-435ES

Specification

Procesador	13th Gen Intel® Core™ i9-13980HX processor 24 cores (8 P-cores + 16 E-cores), Max Turbo Frequency 5.6 GHz
Sistema operativo	Windows 11 Home (MSI recommends Windows 11 Pro for business.)
Pantalla	17" QHD+(2560x1600), 240Hz Refresh Rate, IPS-Level, 100% DCI-P3(Typical)
Chipset	Intel® HM770
Tarjeta Gráfica	NVIDIA® GeForce RTX™ 4090 Laptop GPU powers advanced AI with 686 AI TOPS Up to 2040MHz Boost Clock 175W Maximum Graphics Power with Dynamic Boost. *May vary by scenario *Full-Power GPU Design
Memoria de vídeo	16GB GDDR6
Potencia combinada de CPU y GPU	Max. 250W CPU-GPU Power with MSI OverBoost Technology. *OverBoost Ultra Technology for i9-13980HX Only. *May vary by scenario
Memoria	16GB*2, DDR5-5600, Up to DDR5-5600 *Vary by CPU and Memory combination
Ranura de memoria y capacidad máxima	Up to DDR5-5600, 2 Slots, Max 64GB
Almacenamiento	1TB*1 NVMe SSD PCIe Gen4
Ranura de almacenamiento	1x M.2 SSD slot (NVMe PCIe Gen4), 1x M.2 SSD slot (NVMe PCIe Gen5) Compatible
Teclado	Per-Key RGB Gaming Keyboard by SteelSeries
WebCam	IR HD type (30fps@720p)
Audio	2x 2W Altavoz Nahimic 3 Audio Enhancer, Hi-Res Audio Ready
Puerto de audio	1x Mic-in/Headphone-out Combo Jack
Puertos USB	1x Type-A USB3.2 Gen1 1x Type-A USB3.2 Gen2 1x Type-C (USB3.2 Gen2 / DisplayPort™ / Power Delivery 3.0) 1x Type-C (USB3.2 Gen2 / DisplayPort™) 1x Thunderbolt™ 4 (DisplayPort™)
Puertos de vídeo	1x HDMI™ 2.1 (8K @ 60Hz / 4K @ 120Hz)
Lector de tarjetas	1x SD Express
LAN	2.5 Gigabit Ethernet
Wi-Fi/ Bluetooth	Intel® Wi-Fi 6E AX211, Bluetooth v5.3
Seguridad	Firmware Trusted Platform Module(fTPM) 2.0, Webcam Shutter
Adaptador CA	330W Adaptador
Batería	4-Cell 90 Whrs
Tamaño (AnxPrxAI)	380.34 x 297.97 x 23.55~29.45 mm
Peso (con batería)	3 kg
Color del chasis	Cosmos Gray
Certificación	Meta Ready
Garantía	3 years limited warranty
Xbox Game Pass	One month of PC Game Pass *Spec and bundle offer may vary by model and by country. Please refer to the final specification of the product purchased for Xbox Game Pass pre-installed details.