

## PD50SND

CPU	14th Generation Intel Core i9-14900HX ( Max Turbo Boost 5.8 GHz ), 8 P-cores & 16 E-cores / 32 threads, 36MB Smart Cache	
Chipset	Intel HM770 Express Chipset	
Display	15.6" QHD (2560x1440) 165Hz, Wide View Angle, 72% NTSC, G-Sync Display, Matte Finished	
Memory	Supports Dual Channel DDR5 Two 262 pins SODIMM sockets, support for DDR5 up to 5600MHz (Real operation frequency depends on processor) Expandable up to 64GB, depends on 8GB/16GB/32GB SODIMM module	
Video Controller	NVIDIA Advanced Optimus (Dynamic Display Switching) Technology Support up to 5 active displays Support NVIDIA Surround View via HDMI x1, mini DP x1 and DisplayPort over Type-C	
	NVIDIA GeForce RTX 4060 Laptop GPU - 8GB GDDR6 Video RAM - NVIDIA Ada Lovelace Architecture - Microsoft DirectX 12 - GeForce CUDA technology - Support PCIe Gen4 - Dynamic Boost 2.0	Intel UHD Graphics (Integrated in 14 <sup>th</sup> Gen Core i9 CPU) - HDR Support - Rec. 2020 (Wide Color Gamut) - Microsoft DirectX 12 compatible
	Maximum TGP: 140 W (including 25W Dynamic Boost 2.0)	
Storage	Two M.2 2280 SSD PCIe Gen 4x4 interface (RAID 0/1)	
Sound System	High Definition audio interface S/PDIF digital output Built-in Array Microphone Built-in two speakers Sound Blaster Studio Pro	
Keyboard	Multi languages, Single Zone Multi-Color illuminated full size keyboard with numeric pad.	
Pointing Device	Built in Secure Click pad with Microsoft PTP multi-gesture and scrolling function	
I/O Ports	1 HDMI output Port (with HDCP) 1 Mini DisplayPort 1.4 1 DisplayPort 1.4 over USB 3.2 Gen2 port (Type C) 1 Thunderbolt 4 Port with Power Delivery DC in (Type C) 2 USB 3.2 Gen 1 Ports (Type A, 1 x powered USB port, AC/DC) 1 2-in-1 Audio Jack (Headphone / Microphone) 1 2-in-1 Audio Jack (Microphone / S/PDIF Optical output) 1 RJ-45 LAN (10/100/1000/2500Mbps)	
Card Reader	Micro SD Push-Push Card reader	
Slots	Three M.2 Card Slots, - 1st for WLAN Combo M.2 2230 Card with PCIe / USB / CNVi interface (E key) - 2nd for SSD M.2 2280 Card with PCIe Gen 4x4 interface (M key) - 3rd for SSD M.2 2280 Card with PCIe Gen 4x4 interface (M key)	
Communication	Built-in 2.5 Gigabit Ethernet LAN Intel Dual Band Wireless Wi-Fi 6E AX211 + Bluetooth, M.2 interface	

Other Features	<ul style="list-style-type: none"> <li>Metal top and bottom case</li> <li>Built-in 2.0M FHD Video Camera with TNR (Temporal Noise Reduction)</li> <li>FlexiCharger</li> <li>Virtual Reality ready</li> <li>Windows Mixed Reality compatible</li> <li>NVIDIA G-Sync Technology at Dynamic Display Switch mode</li> </ul>
Power	<ul style="list-style-type: none"> <li>Full Range 280W AC Adapter, AC-in 100~240V, 50~60Hz, DC output 20V, 14A</li> <li>Embedded 6 cells Polymer battery pack 80WH</li> </ul>
Security	<ul style="list-style-type: none"> <li>Security (Kensington Type) Lock Slot</li> <li>Intel PTT (Platform Trust Technology)</li> <li>TPM 2.0</li> <li>Area Fingerprint Reader</li> </ul>
OS Support	<ul style="list-style-type: none"> <li>Windows 11 (64-bit)</li> </ul>
Certificate	<ul style="list-style-type: none"> <li>Windows 11 (64-bit) Logo</li> <li>HDMI Logo</li> </ul>
Dimension	<ul style="list-style-type: none"> <li>35.85 cm (w) x 24 cm (d) x 2.49 cm (h)</li> <li>2.40 kg. including Barebone and 80WH Battery Pack</li> </ul>

\*\*The content is subject to change without notice.

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