



Amazing headphone audio effect



Chip sets power supply improved



Illumination keyboard



High refresh rate panel for gaming

## 15.6" Narrow Bezel



Processor / Core Logic	<ul style="list-style-type: none"> <li>• Intel® Core™ i7-12700H processor (2.3GHz, up to 4.7GHz, TDP: 45W)</li> <li>• Intel® Core™ i5-12500H processor (2.5GHz, up to 4.5GHz, TDP: 45W)</li> </ul>		
Display	<ul style="list-style-type: none"> <li>• 15.6" (39.62cm) FHD (1920x1080) 16:9 panel, 3.2mm</li> </ul>		
Memory	<ul style="list-style-type: none"> <li>• Dual channel DDR4</li> <li>• Two 260 pins SODIMM sockets, support DDR4 up to 3200MHz (Real operation frequency depends on processor)</li> <li>• Expandable memory up to 64GB, depends on 8GB/16GB/32GB SODIMM module</li> </ul>		
Video Controller	<table border="0"> <tr> <td> <ul style="list-style-type: none"> <li>• Intel® Iris® X® Graphics <ul style="list-style-type: none"> <li>- Intel® X® Micro architecture</li> <li>- 8K HDR Support</li> <li>- Variable Rate Shading</li> <li>- Microsoft DirectX® 12 compatible</li> <li>- Intel® DLBoost: DP4A</li> </ul> </li> </ul> </td> <td> <ul style="list-style-type: none"> <li>• NVIDIA® GeForce MX550 Laptop GPU <ul style="list-style-type: none"> <li>- Boost Clock 1320 MHz</li> <li>- Maximum Graphics Power 45W</li> <li>- 2GB GDDR6 Video RAM</li> <li>- Support PCIe Gen4</li> <li>- Microsoft DirectX® 12</li> <li>- GeForce CUDA™ technology</li> <li>- Dynamic Boost 2.0</li> </ul> </li> </ul> </td> </tr> </table>	<ul style="list-style-type: none"> <li>• Intel® Iris® X® Graphics <ul style="list-style-type: none"> <li>- Intel® X® Micro architecture</li> <li>- 8K HDR Support</li> <li>- Variable Rate Shading</li> <li>- Microsoft DirectX® 12 compatible</li> <li>- Intel® DLBoost: DP4A</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• NVIDIA® GeForce MX550 Laptop GPU <ul style="list-style-type: none"> <li>- Boost Clock 1320 MHz</li> <li>- Maximum Graphics Power 45W</li> <li>- 2GB GDDR6 Video RAM</li> <li>- Support PCIe Gen4</li> <li>- Microsoft DirectX® 12</li> <li>- GeForce CUDA™ technology</li> <li>- Dynamic Boost 2.0</li> </ul> </li> </ul>
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Storage	<ul style="list-style-type: none"> <li>• Microsoft Hybrid Graphics</li> <li>• Support 3 active displays</li> </ul>		
Storage	<ul style="list-style-type: none"> <li>• Two M.2 2280 SSD, One PCIe Gen 3x4 interface and One PCIe Gen 4x4 interface (RAID 0/1)</li> </ul>		
Audio	<ul style="list-style-type: none"> <li>• High Definition Audio</li> <li>• Built in array microphone</li> <li>• Built in two speakers</li> <li>• Sound Blaster™ Cinema 6+</li> </ul>		
Keyboard and Pointing Device	<ul style="list-style-type: none"> <li>• Multi languages Multi-Color illuminated full size isolated keyboard with numeric pad</li> <li>• Built in Clickpad with Microsoft PTP multi-gesture and scrolling function</li> </ul>		
I/O ports	<ul style="list-style-type: none"> <li>• 1 x USB 2.0 port</li> <li>• 1 x USB 3.2 Gen 1 port (Type A)</li> <li>• 2 x USB 3.2 Gen 2 ports (Type C)</li> <li>• 1 x Mini Display port 1.4</li> <li>• 1 x HDMI™ output port (with HDCP)</li> <li>• 1 x 2-in-1 Audio Jack (Headphone / Microphone)</li> <li>• 1 x Microphone Jack</li> <li>• 1 x RJ-45 LAN port</li> <li>• 1 x DC-in jack</li> </ul>		
Card Reader	<ul style="list-style-type: none"> <li>• MicroSD Card reader</li> </ul>		
Slot	<ul style="list-style-type: none"> <li>• Three M.2 card slots <ul style="list-style-type: none"> <li>- 1st for WLAN Combo M.2 2230 Card with PCIe/USB/CNVi interface (E Key)</li> <li>- 2nd for SSD M.2 2280 Card with PCIe Gen 3x4 interface (M Key)</li> <li>- 3rd for SSD M.2 2280 Card with PCIe Gen 4x4 interface (M Key)</li> </ul> </li> </ul>		
Communication	<ul style="list-style-type: none"> <li>• Built in 10/100/1000Mb Base-TX Ethernet LAN</li> <li>• (Factory Option) Intel® Dual Band Wi-Fi 6E AX211 2x2 AX + BT CNVi M.2 2230 (Garfield Peak 2)</li> <li>• (Factory Option) Intel® Dual Band Wi-Fi 6E AX210 2x2 AX + BT PCIe M.2 2230 (Typhoon Peak 2)</li> <li>• (Factory Option) Intel® Dual Band Wi-Fi 6 AX201 2x2 AX + BT CNVi M.2 2230 (Harrison Peak 2)</li> <li>• (Factory Option) Intel® Dual Band Wireless-AC 9462, 1x1 AC + BT M.2 2230 (Jefferson Peak 1)</li> <li>• 1.0M HD video camera</li> </ul>		
Power Supply	<ul style="list-style-type: none"> <li>• Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19V, 4.74A, 90W</li> <li>• Embedded 4 cells Polymer battery pack, 54WH</li> <li>• Battery life : 420 minutes (UMA mode with 54WH battery) (TBC)</li> </ul>		
Security	<ul style="list-style-type: none"> <li>• Security (Kensington® Type) Lock Slot</li> <li>• Intel® PTT for system without Hardware TPM</li> <li>• (Factory Option) TPM 2.0</li> </ul>		
Others design	<ul style="list-style-type: none"> <li>• Shipping Mode</li> <li>• FlexiCharger</li> <li>• Windows® Mixed Reality Compatible</li> <li>• Intel® DTT</li> </ul>		
O.S. 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>• 359.5 (W) x 238 (D) x 22.7 (H) mm</li> </ul>		
Weight	<ul style="list-style-type: none"> <li>• 1.95 kg, Including Barebone and 54WH Battery (TBC)</li> </ul>		

## Remark:

Battery life may vary depending on applications and configuration.

Weight tolerance is +/- 5%.

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