

**PIONEER  
COMPUTERS**




*15.6" Wide*  
**NS51PU**



### **Necessary for daily computing**

A visible notebook, the chic and elegant outfit is your best mate. Moreover, the Intel solution allows everyone to handle their essential needs as well as anything else out there.

All you have to do is to own it!

<b>Processor / Core Logic</b>	<ul style="list-style-type: none"> <li>• Intel® Core™ i7-1260P processor (2.1GHz, up to 4.7GHz)</li> <li>• Intel® Core™ i5-1240P processor (1.7GHz, up to 4.4GHz)</li> <li>• Intel® Core™ i3-1220P processor (1.5GHz, up to 4.4GHz)</li> </ul>
<b>Display</b>	• 15.6" (39.62cm) FHD (1920x1080) 16:9 panel, 3.2/5.4mm
<b>Memory</b>	<ul style="list-style-type: none"> <li>• Dual channel DDR4</li> <li>• Two 260 pins SODIMM sockets, support DDR4 3200MHz (Real operation frequency depends on processor)</li> <li>• Expandable memory up to 64GB, depends on 8GB/16GB/32GB SODIMM module</li> </ul>
<b>Video Controller</b>	<ul style="list-style-type: none"> <li>• Intel® Iris® Xe Graphics (i7-1260P / i5-1240P Processor) <ul style="list-style-type: none"> <li>- Intel® Xe Micro architecture</li> <li>- 8K HDR Support</li> <li>- Variable Rate Shading</li> </ul> </li> <li>• Intel® UHD Graphics (i3-1220P Processor) <ul style="list-style-type: none"> <li>- HDR Support</li> <li>- Rec. 2020 (Wide Color Gamut)</li> <li>- Microsoft DirectX® 12 compatible</li> </ul> </li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>• One M.2 2280 SSD, PCIe Gen4x4 interface</li> <li>• One M.2 2280 SSD, SATA/PCIe Gen3x4 interface (RAID 0/1 on PCIe interface)</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>• High Definition Audio</li> <li>• Built in array microphone</li> <li>• Built in two speakers</li> <li>• Nahimic audio</li> </ul>
<b>Keyboard and Pointing Device</b>	<ul style="list-style-type: none"> <li>• Multi languages full size isolated keyboard with numeric pad</li> <li>• (Option) Multi languages Multi-Color illuminated full size keyboard with numeric pad</li> <li>• Built in Click pad with Microsoft PTP multi-gesture and scrolling function</li> <li>• (Factory Option) Built in Secure pad with Microsoft PTP multi-gesture and SecureBIO</li> </ul>
<b>I/O ports</b>	<ul style="list-style-type: none"> <li>• 1 x Thunderbolt™ 4 combo port with Power Delivery DC in (Type C)</li> <li>• 1 x USB 3.2 Gen 2 port (Type C)</li> <li>• 1 x USB 3.2 Gen 2 port (Type A) or (Factory Option) 1 x USB 3.2 Gen2 port with powered USB port,AC/DC</li> <li>• 1 x USB 2.0 port (Type A)</li> <li>• 1 x HDMI™ output port (with HDCP)</li> <li>• 1 x 2-in-1 Audio Jack (Headphone / Microphone)</li> <li>• 1 x RJ-45 LAN port</li> <li>• 1 x DC-in jack</li> </ul> 
<b>Card Reader</b>	• MicroSD Card reader
<b>Slot</b>	<ul style="list-style-type: none"> <li>• Three M.2 card slots</li> <li>-1st for WLAN Combo M.2 2230 Card with PCIe / USB / CNVi interface (E key)</li> <li>-2nd for M.2 2280 SSD Card with PCIe Gen4x4 interface (M key)</li> <li>-3rd for M.2 2280 SSD Card with SATA/PCIe Gen3x4 interface (M key)</li> </ul>
<b>Communication</b>	<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> <li>• (Factory Option) Windows Hello Camera with SecureBIO</li> </ul>
<b>Power Supply</b>	<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 Polymer Smart Lithium-Ion battery pack, 36WH</li> <li>• (Factory Option) Embedded Polymer Smart Lithium-Ion battery pack, 73WH</li> <li>• Battery life: 510 min. (with 36WH battery)</li> <li>• Battery life: 1015 min. (with 73WH battery)</li> </ul>
<b>Security</b>	<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> <li>• (Factory Option) Area Fingerprint</li> </ul>
<b>Others Design</b>	<ul style="list-style-type: none"> <li>• Metal (A/D)</li> <li>• Shipping Mode</li> <li>• FlexiCharger</li> </ul>
<b>O.S. Support</b>	• Windows®11 (64-bit)
<b>Certificate</b>	<ul style="list-style-type: none"> <li>• Windows®11 (64-bit) Logo</li> <li>• HDMI™ Logo</li> </ul>
<b>Dimension</b>	• 357 (W) x 220.5 (D) x 19.9 (H) mm
<b>Weight</b>	<ul style="list-style-type: none"> <li>• 1.59 kg, Including Barebone and 36 WH Battery</li> <li>• 1.74 kg, Including Barebone and 73 WH Battery</li> </ul>