

# MOBILITY LAPTOP

**PIONEER  
COMPUTERS**

## NS51AU



Narrow Bezel panel



Longer battery life



Illumination keyboard



Lightweight laptop

### 15.6" Narrow Bezel



Processor / Core Logic	<ul style="list-style-type: none"> <li>Intel® Core™ i7-1360P processor (2.2GHz, up to 5.0GHz, DDR5-5200MHz, TDP: 28W)</li> <li>Intel® Core™ i5-1340P processor (1.9GHz, up to 4.6GHz, DDR5-5200MHz, TDP: 28W)</li> <li>Intel® Core™ i7-1355U processor (1.7GHz, up to 5.0GHz, DDR5-5200MHz, TDP: 15W)</li> <li>Intel® Core™ i5-1335U processor (1.3GHz, up to 4.6GHz, DDR5-5200MHz, TDP: 15W)</li> <li>Intel® Core™ i3-1315U processor (1.2GHz, up to 4.5GHz, DDR5-5200MHz, TDP: 15W)</li> </ul>
Display	<ul style="list-style-type: none"> <li>15.6" (39.62cm) FHD (1920x1080) 16:9 panel, 3.2 / 5.4mm</li> </ul>
Memory	<ul style="list-style-type: none"> <li>Dual channel DDR5</li> <li>Two 262pins SODIMM sockets, support DDR5 5600MHz (Real operation frequency depends on processor and Memory module)</li> <li>Expandable memory up to 64GB, depends on 8GB/16GB/32GB SODIMM module</li> </ul>
Video Controller	<ul style="list-style-type: none"> <li>Intel® Iris® X® Graphics (i7-1360P / i5-1340P / i7-1355U / i5-1335U Processor) <ul style="list-style-type: none"> <li>Intel® X® Micro architecture</li> <li>Variable Rate Shading</li> <li>Microsoft DirectX® 12 compatible</li> <li>Intel® DLBoost: DP4A</li> </ul> </li> <li>Intel® UHD Graphics (i3-1315U 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>
Storage	<ul style="list-style-type: none"> <li>Two M.2 2280 SSD, PCIe Gen4x4 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 Studio</li> </ul>
Keyboard and Pointing Device	<ul style="list-style-type: none"> <li>Multi languages full size isolated keyboard with numeric pad</li> <li>(Option) Multi languages White-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</li> </ul>
I/O ports	<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>
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 M.2 2280 SSD Card with PCIe Gen4x4 interface (M key)</li> <li>-3rd for M.2 2280 SSD Card with PCIe Gen4x4 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> <li>(Factory Option) Windows Hello Camera with SecureBIO</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 Polymer Smart Lithium-Ion battery pack, 36WH (Support Fast charge)</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>
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> <li>(Factory Option) Area Fingerprint</li> </ul>
Others design	<ul style="list-style-type: none"> <li>Metal (A/D)</li> <li>Shipping Mode</li> <li>FlexiCharger</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>357 (W) x220.5 (D) x19.9 (H) mm</li> </ul>
Weight	<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>