

**PIONEER  
COMPUTERS**



# 17.3" Wide

## DreamBook X170



### **Advanced specifications for the demanding applications**

Satisfy all your entertainment needs with this 17.3" laptop. Equipped with New NVIDIA Enthusiast Graphic Card technology, and Sound Blaster Atlas system, an extremely versatile laptop is ready to rock your world!

# DreamBook X170 Specification

<b>Processor</b>	<ul style="list-style-type: none"> <li>• Intel® Core™ i9-10900K processor (14nm, 3.7GHz, DDR4 2933MHz, 20MB Smart cache, TDP: 125W)</li> <li>• Intel® Core™ i9-10900 processor (14nm, 2.8GHz, DDR4 2933MHz, 20MB Smart cache, TDP: 65W)</li> <li>• Intel® Core™ i7-10700K processor (14nm, 3.8GHz, DDR4 2933MHz, 16MB Smart cache, TDP: 125W)</li> <li>• Intel® Core™ i7-10700 processor (14nm, 2.9GHz, DDR4 2933MHz, 16MB Smart cache, TDP: 65W)</li> <li>• Intel® Core™ i5-10600K processor (14nm, 4.1GHz, DDR4 2666MHz, 12MB Smart cache, TDP: 125W)</li> <li>• Intel® Core™ i5-10400 processor (14nm, 2.9GHz, DDR4 2666MHz, 12MB Smart cache, TDP: 65W)</li> <li>• Support CPU over clocking depends on CPU SKU (Both of base frequency and ratio)</li> </ul>	
<b>Core Logic</b>	• Intel® Z490 Express Chipset	
<b>Display</b>	• 17.3" (43.94cm) UHD (3840x2160) / FHD (1920x1080) 16:9 panel, 4.0mm	
<b>Memory</b>	<ul style="list-style-type: none"> <li>• Dual channel DDR4</li> <li>• Four 260 pins SODIMM sockets, support DDR4 up to 3200MHz (Real operation frequency depends on processor)</li> <li>• Expandable memory from 16GB to 128GB, depends on 8GB/16GB/32GB SODIMM module</li> </ul>	
<b>Video Controller</b>	<ul style="list-style-type: none"> <li>• NVIDIA® GeForce RTX™ 2080 Super (N18E-G3R) <ul style="list-style-type: none"> <li>- 8GB GDDR6 Video RAM</li> <li>- Support PCIe x16</li> <li>- Microsoft DirectX® 12 compatible</li> <li>- MXM 3.0</li> <li>- NVIDIA® PhysX®</li> <li>- GeForce CUDA™ technology</li> <li>- Support 4 active displays</li> <li>- Support NVIDIA® Surround View</li> <li>- GPU over clocking</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• NVIDIA® GeForce RTX™ 2070 Super (N18E-G2R) <ul style="list-style-type: none"> <li>- 8GB GDDR6 Video RAM</li> <li>- Support PCIe x16</li> <li>- Microsoft DirectX® 12 compatible</li> <li>- MXM 3.0</li> <li>- NVIDIA® PhysX®</li> <li>- GeForce CUDA™ technology</li> <li>- Support 4 active displays</li> <li>- Support NVIDIA® Surround View</li> <li>- GPU over clocking</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>• NVIDIA® GeForce RTX™ 2070 (N18E-G1R-MP) <ul style="list-style-type: none"> <li>- 8GB GDDR6 Video RAM</li> <li>- Support PCIe x16</li> <li>- Microsoft DirectX® 12 compatible</li> <li>- MXM 3.0</li> <li>- NVIDIA® PhysX®</li> <li>- GeForce CUDA™ technology</li> <li>- Support 4 active displays</li> <li>- Support NVIDIA® Surround View</li> <li>- GPU over clocking</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• NVIDIA® GeForce RTX™ 2060 (N18E-G1-B) <ul style="list-style-type: none"> <li>- 6GB GDDR6 Video RAM</li> <li>- Support PCIe x16</li> <li>- Microsoft DirectX® 12 compatible</li> <li>- MXM 3.0</li> <li>- NVIDIA® PhysX®</li> <li>- GeForce CUDA™ technology</li> <li>- Support 4 active displays</li> <li>- Support NVIDIA® Surround View</li> <li>- GPU over clocking</li> </ul> </li> </ul>
<b>Storage</b>	• (Factory Option) Four M.2 2280 SSD, including three M.2 2280 SSD SATA interface (RAID 0/1/5), or three PCIe Gen3x4 interface (RAID 0/1/5)	
<b>Audio</b>	<ul style="list-style-type: none"> <li>• High Definition Audio</li> <li>• S/PDIF digital output</li> <li>• Built in array microphone</li> <li>• Built in two 3W speakers</li> <li>• Built in one 5W subwoofer speaker</li> <li>• Sound Blaster Atlas</li> <li>• Super X-Fi Headphone Holography</li> </ul>	
<b>Keyboard and Pointing Device</b>	<ul style="list-style-type: none"> <li>• Multi languages N-Key Rollover LED Per Key full color illuminated full size keyboard with numeric pad</li> <li>• Built in Secure pad with Microsoft PTP multi-gesture and scrolling function</li> </ul>	
<b>I/O ports</b>	<ul style="list-style-type: none"> <li>• 1 x USB 3.2 Gen2x2 port (Type C)</li> <li>• 1 x DisplayPort 1.4 over USB 3.2 Gen 2 (Type C)</li> <li>• 3 x USB 3.2 Gen2 ports (Type A) (1 x powered USB port, AC/DC)</li> <li>• 1 x Thunderbolt™ 3 port (Type C)</li> <li>• 2 x Mini DisplayPort 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 2-in-1 Audio jack (Microphone / S/PDIF optical output)</li> <li>• 1 x RJ-45 LAN port</li> <li>• 2 x DC-in jack</li> </ul>	
<b>Card Reader</b>	<ul style="list-style-type: none"> <li>• 6-in-1 Push-Push Card reader <ul style="list-style-type: none"> <li>- MMC / RSMMC</li> <li>- SD / mini SD / SDHC / SDXC up to UHS-III</li> </ul> </li> </ul>	
<b>Slot</b>	<ul style="list-style-type: none"> <li>• Five 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 SATA / PCIe Gen3x4 interface (M key)</li> <li>- 3rd for SSD M.2 2280 Card with SATA / PCIe Gen3x4 interface (M key)</li> <li>- 4th for SSD M.2 2280 Card with PCIe Gen3x4 interface (M key)</li> <li>- 5th for SSD M.2 2280 Card with SATA interface (M key)</li> </ul> </li> </ul>	
<b>Communication</b>	<ul style="list-style-type: none"> <li>• Built in Killer™ 10/100/1000/2500Mb Base-TX Ethernet LAN</li> <li>• (Factory Option) Intel® Dual Band Wi-Fi 6 AX200 2x2 AX + BT PCIe M.2 2230 (Cyclone 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) Killer™ Dual Band Wi-Fi 6 AX1650i 2x2 AX + BT CNVi M.2 2230</li> <li>• 1.0M HD video camera</li> </ul>	
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>• Dual Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 20V, 14A, 280W</li> <li>• Removable 8 cells Smart Lithium-Ion battery pack, 97WH</li> <li>• Battery life: 310 minutes (with NVIDIA® GeForce N18E-G1R, 97WH Battery)</li> </ul>	
<b>Security</b>	<ul style="list-style-type: none"> <li>• Security (Kensington® Type) Lock Slot</li> <li>• Area Fingerprint</li> <li>• TPM 2.0</li> </ul>	
<b>Others Design</b>	<ul style="list-style-type: none"> <li>• Metal (A/C)</li> <li>• Light module</li> <li>• Shipping Mode</li> <li>• FlexiCharger</li> <li>• Virtual Reality ready supported with processor i5 and above</li> <li>• Killer DoubleShot™ Pro with Killer™ Wireless module</li> <li>• NVIDIA® G-SYNC™ Technology supported with processor i5 and above</li> <li>• Intel® Optane™ Technology (For Intel core processor family)</li> <li>• Windows® Mixed Reality Compatible</li> </ul>	
<b>OS Support</b>	• Windows®10 19H2 (64-bit)	
<b>Certificate</b>	<ul style="list-style-type: none"> <li>• Windows®10 19H2 (64-bit) Logo</li> <li>• HDMI™ Logo</li> </ul>	
<b>Dimension</b>	• 399(W) x 319(D) x 43.5(H) mm	
<b>Weight</b>	• 4.5Kg, Including Barebone, VGA card and 97WH Battery	



Remark:  
Battery life may vary depending on applications and configuration.  
Weight tolerance is +/- 5%.  
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