

**PIONEER
COMPUTERS**



15.6" Wide

DreamBook NL51



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!

DreamBook NL51 Specification



Processor / Core Logic	<ul style="list-style-type: none"> • Intel® Core™ i7-1065G7 processor (10nm, 1.3GHz, DDR4 3200MHz, 8MB Smart Cache, TDP: 15W) • Intel® Core™ i5-1035G1 processor (10nm, 1.0GHz, DDR4 3200MHz, 6MB Smart Cache, TDP: 15W) • Intel® Core™ i3-1005G1 processor (10nm, 1.2GHz, DDR4 3200MHz, 4MB Smart Cache, TDP: 15W) 	
Display	•15.6”(39.62cm) FHD(1920x1080) 16:9 panel, 3.2mm	
Memory	<ul style="list-style-type: none"> • Dual channel DDR4 • Two 260 pins SODIMM sockets, support DDR4 2666MHz (Real operation frequency depends on processor) • Expandable memory up to 32GB, depends on 8GB/16GB SODIMM Module 	
Video Controller	<ul style="list-style-type: none"> • Intel® Iris® Plus Graphics (i7-1065G7 processor) <ul style="list-style-type: none"> - HDR 10 HW support - BT 2020 24bpc precision pipeline - Microsoft DirectX® 12 compatible 	<ul style="list-style-type: none"> • Intel® UHD Graphics (i5-1035G1/i3-1005G1 processor) <ul style="list-style-type: none"> - HDR 10 HW support - BT 2020 24bpc precision pipeline - Microsoft DirectX® 12 compatible
Storage	<ul style="list-style-type: none"> • One changeable 2.5” 7.0mm(H) HDD / SSD, SATA interface • (Factory Option) One M.2 2280 SSD, SATA/PCIe Gen3x4 interface 	
Audio	<ul style="list-style-type: none"> • High Definition Audio • Built in array microphone • (Factory Option) Built in microphone • Built in two speakers 	
Keyboard and Pointing Device	<ul style="list-style-type: none"> • Multi languages full size keyboard with numeric pad • (Option) Multi languages Multi-Color backlit keyboard with numeric pad • Built in Click pad with Microsoft PTP multi-gesture and scrolling function 	
I/O ports	<ul style="list-style-type: none"> • 1 x USB 3.1 Gen 2 port (Type A) • 1 x USB 3.1 Gen 2 port (Type C) • 2 x USB 2.0 (Type A) • 1 x HDMI™ output port (with HDCP) • 1 x 2-in-1 Audio jack (Headphone / Microphone) • 1 x RJ-45 LAN port • 1 x DC-in jack 	
Card Reader	• Micro SD Card reader	
Slot	<ul style="list-style-type: none"> • Three M.2 card slots <ul style="list-style-type: none"> - 1st for WLAN Combo M.2 2230 Card with PCIe/ USB/ CNVi interface (E key) - 2nd for M.2 2280 SSD Card with SATA/PCIe Gen3x4 interface (M Key) - (Factory Option) 3rd for LTE M.2 3042 Card with USB interface (B Key) 	
Communication	<ul style="list-style-type: none"> • Built in 10/100/1000Mb Base-TX Ethernet LAN • (Factory Option) Intel® Dual Band Wireless-AC 9462, 1x1 AC + BT M.2 2230 (Jefferson Peak 1) • (Factory Option) Intel® Dual Band Wi-Fi 6 AX201 2x2 AX + BT CNVi M.2 2230 (Harrison Peak 2) • (Factory Option) LTE M.2 3042 module • 1.0M HD video camera 	
Power Supply	<ul style="list-style-type: none"> • Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19V 2.37A, 45W • Embedded 3 cells Smart Lithium-Ion battery pack, 36WH • Embedded 4 cells Smart Lithium-Ion battery pack, 49WH • Battery life: (TBD) minutes (with 36WH battery & HDD) • (TBD) minutes (with 36WH battery & M.2 SSD) • Battery life: (TBD) minutes (with 49WH battery & M.2 SSD) 	
Security	<ul style="list-style-type: none"> • Security (Kensington® Type) Lock Slot • Intel® PTT for system without Hardware TPM • (Factory Option) TPM 2.0 	
Others design	<ul style="list-style-type: none"> • Metal (A/D) • Flexicharger • Intel® Optane™ Technology (For Intel core processor family) • Shipping mode • 180° Hinge design 	
O.S. Support	• Windows® 10 20H1 (64-bit)	
Certificate	<ul style="list-style-type: none"> • Windows® 10 20H1 (64-bit) Logo • HDMI™ Logo 	
Dimension	• 360.4(W) x 239.3(D) x 19.7(H)mm (Height excluded battery area) (TBD)	
Weight	<ul style="list-style-type: none"> • 1.59kg, including Barebone and 36WH Battery • 1.65kg, including Barebone and 49WH Battery (TBD) 	



2020/05 Version

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