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!

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DreamBook NL51 Specification

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Processor / Core Logic	• Intel® Core™ i7-8565U processor (14nm, 1.8GHz, DDR4-2400MHz, 8MB Smart Cache, TDP: 15W) • Intel® Core™ i5-8265U processor (14nm, 1.6GHz, DDR4-2400MHz, 6MB Smart Cache, TDP: 15W) • Intel® Core™ i3-8145U processor (14nm, 2.1GHz, DDR4-2400MHz, 4MB Smart Cache, TDP: 15W)
Display	• 15.6”(39.62cm) FHD(1920x1080) 16:9 panel, 3.2mm
Memory	• Dual channel DDR4 • Two 260 pins SODIMM sockets, support DDR4 2400/2600MHz(Real operation frequency depends on processor) • Expandable memory up to 32GB, depends on 4GB/8GB/16GB SODIMM Module
Video Controller	• Intel® UHD Graphics 620 - Dynamic frequency - Intel Dynamic Video Memory Technology - Microsoft DirectX® 12 compatible
Storage	• One changeable 2.5” 7.0mm(H) HDD / SSD, SATA interface • (Factory Option) One M.2 2280 SSD, SATA/PCIe Gen3x4 interface
Audio	• High Definition Audio • Built in array microphone • (Factory Option) Built in microphone • Built in two speakers
Keyboard and Pointing Device	• 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	• 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 port (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	• MicroSD Card reader
Slot	• Three M.2 card slots - 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	• Built in 10/100/1000Mb Base-TX Ethernet LAN • (Factory Option) Intel®Dual Band Wireless-AC 9260 2x2 AC +BT CNVi M.2 2230 (Thunder Peak 2) • (Factory Option) Intel® Dual Band Wireless-AC 9560, 2x2 AC + BT M.2 2230 (Jefferson Peak 2) • (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 AX200 2x2 AX + BT PCIe M.2 2230 (Cyclone Peak 2) • (Factory Option) LTE M.2 module 3042 • 1.0M HD video camera
Power Supply	• Full Range AC adapter, AC in 100~240V, 50~60Hz, DC output 19V 2.1A, 40W • Embedded 4 cells Smart Lithium-Ion battery pack, 36WH • Battery life: 450 minutes (with 36WH battery & HDD) 540 minutes (with 36WH battery & M.2 SSD)
Security	• Security (Kensington® Type) Lock Slot • Intel® PTT for system without Hardware TPM • (Factory Option) TPM 2.0
Others design	• Metal (A/D) • Flexicharger • Intel® Optane™ Technology (For Intel core processor family) • Shipping mode • 180° Hinge design
O.S. Support	• Windows® 10 RS6 (64-bit)
Certificate	• Windows® 10 RS6 (64-bit) Logo • HDMI™ Logo
Dimension	• 360.4(W) x 239.3(D) x 19.7(H)mm (Height excluded battery area)
Weight	• 1.59kg, Including Barebone and 36WH Battery

2019/12 Version

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