

Intel® NUC 11 Compute Element (U-Series)

"Elk Bay"

intel.
CORE
vPRO
i7

11th Generation Intel® Core™ i7-1185G7
Intel® Iris™ Xe Graphics, Intel® vPro® Technology
3.0GHz@28W ~ 1.2GHz@15W, up to 4.8GHz Turbo
4 Cores, 8 Threads, 12MB L3 Cache, 4267MT/s LPDDR4x

intel.
CORE
i7

11th Generation Intel® Core™ i7-1165G7
Intel® Iris™ Xe Graphics
2.8GHz@28W ~ 1.2GHz@15W, up to 4.7GHz Turbo
4 Cores, 8 Threads, 12MB L3 Cache, 4267MT/s LPDDR4x

intel.
CORE
vPRO
i5

11th Generation Intel® Core™ i5-1145G7
Intel® Iris™ Xe Graphics, Intel® vPro® Technology
2.6GHz@28W ~ 1.1GHz@15W, up to 4.4GHz Turbo
4 Cores, 8 Threads, 8MB L3 Cache, 4267MT/s LPDDR4x

intel.
CORE
i5

11th Generation Intel® Core™ i5-1135G7
Intel® Iris™ Xe Graphics
2.4GHz@28W ~ 0.9GHz@15W, up to 4.2GHz Turbo
4 Cores, 8 Threads, 8MB L3 Cache, 4267MT/s LPDDR4x

intel.
CORE
i3

11th Generation Intel® Core™ i3-1115G4
Intel® UHD Graphics
3.0GHz@28W ~ 1.7GHz@15W, up to 4.1GHz Turbo
2 Cores, 4 Threads, 6MB L3 Cache, 3733MT/s LPDDR4x

intel.
CELERON

Intel® Celeron® 6305
Intel® UHD Graphics
1.8GHz@15W
2 Cores, 2 Threads, 4MB L3 Cache, 3733MT/s LPDDR4x

This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained.



- Intel® Wi-Fi 6 AX201 soldered-down, 802.11ax 2x2 2.4Gbps + Bluetooth® 5.1
- 4 to 16GB soldered-down, dual-channel LPDDR4X memory on Core SKUs
- Discrete TPM 2.0 device (on SKUs with Intel® vPro™ Technology only)
- Windows 10 & Linux operating systems supported
- I/O supported by the card-edge consolidated connector:
 - 4 x USB 3.2 Gen 2
 - 3 x USB 2.0
 - 2 x DDI (configurable as DP 1.4a or HDMI 2.0b)
 - 1 x Type C (DDI/TBT/USB3.1)
 - 1 x eDP 1.4b
 - 1 x GbE PHY
 - 1 x PCIe x4/SATA
 - 1 x PCIe x4 (Gen4)
 - 1 x PCIe x1
 - 1 x HD Audio
 - eSPI (EC interface)
- Support for up to quad 4k@60Hz displays (triple DDI plus eDP interfaces) on SKUs with Intel Core processors
- Generation agnostic heat-spreader thermal interface
- Supports integration in to both stationary and mobile system designs
- Module dimensions: 95 x 65 x 6 mm
- No moving parts
- Qualified for 24x7 operation
- Three Year Product Life Cycle
- Three Year Warranty