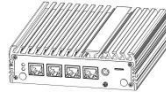


Network Security Platform

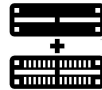
IFC-BOX-NS31

Intel® 12th Alder Lake-N processor
Network server

Features:



All-aluminum alloy structure, fanless cooling design



Support 3*M.2 slot
(support SSD+WIFI+4G/5G at the same time)



Dual Display

Support 4K high-definition dual display,
1*HDMI+1*DP display port



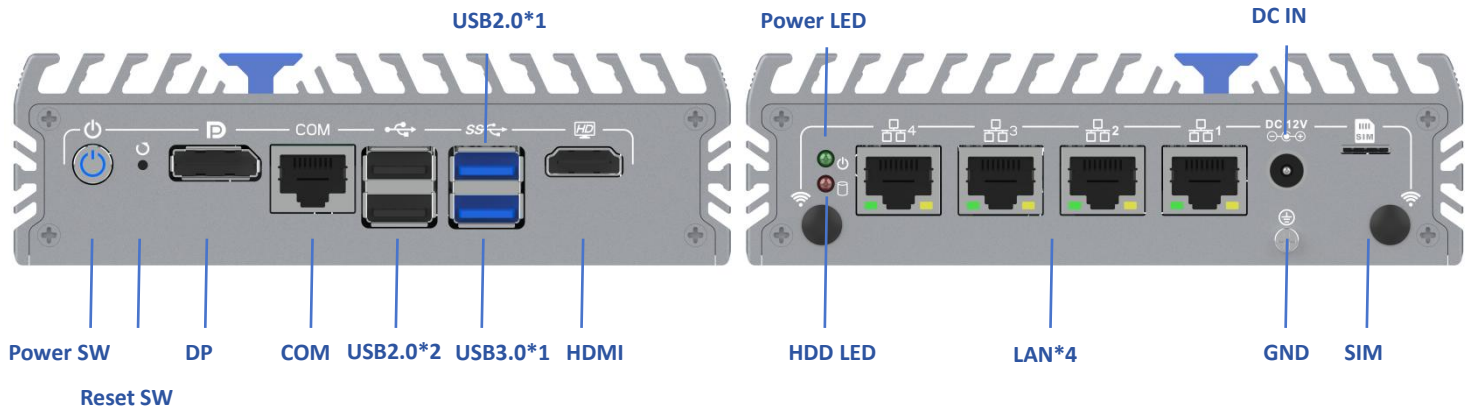
Multi-LAN

Support 4* Intel i226-V 2.5G LAN



COM

1*RJ45 COM (support Console function)



Optional Extensions

For more details, pls contact salesperson.



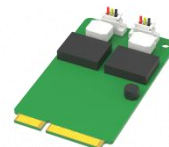
9 ~ 36V
wide-voltage
module



4G module



WIFI/Bluetooth



CAN card



COM

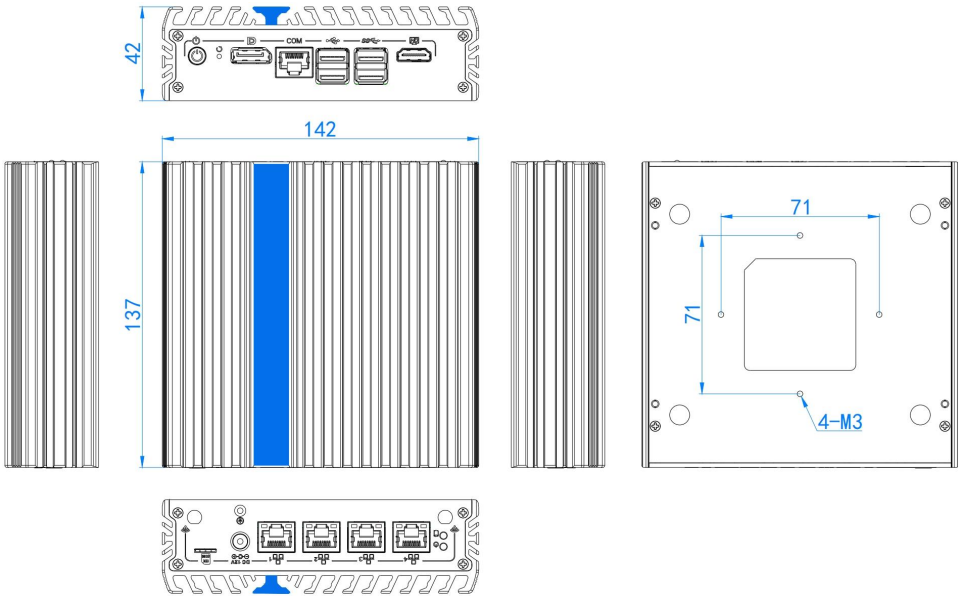
Specification

Parameter	
Processor	Onboard Intel N100 quad core (quad threads, Turbo 3.4 GHz)
Chipset	Alder Lake-N
Memory	Support 1*DDR4 3200MHz SODIMM slot, max 16 GB
Graphics Card	
Graphics Card	Integrated Intel(R) UHD Graphics (Support synchronous and asynchronous dual display)
Display Port	1xHDMI (Resolution up to 4096 x 2160 @ 60Hz)
	1xDP (Resolution up to 4096 x 2160 @ 60Hz)
Ethernet	4xIntel i226-V 100/1000/2500M LAN
I/O	
USB	3xUSB2.0, 1xUSB3.1
COM	1xRJ45 support (Console)
Switch buttons	1xpower switch, 1*Reset button
Power supply	9 ~ 36 VDC
Other Function	Power on when there is electricity, network wake up,
	timed startup,PXE startup (0~255 level),TPM2.0

Storage	
M.2	1xM.2 2280 M-key slot (support SATA)
SATA	1x2.5 inch SSD slot
Expansion Slots	
M.2	Support 1xM.2 2280 M-key slot (SATA)
	Support 1xM.2 2230 E-key slot (support WIFI/BT)
	Support 1*M.2 3052 B-key (USB3.0 protocol, support 4G/5G), SIM slot external
Internal ports	2xUSB2.0 optional (Standard shipments do not come with theses interfaces)
Dimension	142x137x42 mm / 14.2x13.7x4.2 cm /5.6x5.4x1.7 inch
Weight	0.79 kg / 790g / 1.74lb
Installation	VESA, Wall-mounted, Din-rail (optional)
Environmental	
Index	
Operating Temperature	-20℃ ~ +50℃, Surface air flow
Operating Humidity	5%~95% Non-condensing state
Application	Firewall, VPN, network server
	Network security, router., etc

Drawing

Unit: mm



Order Information

Order configuration	Spec
Config 1	Intel® Processor N100 standard ports
Note: When use WIFI and 4G/5G module together, Antenna fixing holes need digging, any question pls contact salesperson	