

IFC-BOX-NS53

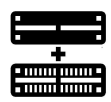
12th Gen Intel Alder Lake U Series Deca-Core Processor



Features:



All-aluminum alloy structure, fanless cooling design



1xM.2 slot + 1xMSATA slot + 1xMini PCIE slot
(support M.2 SSD + MSATA SSD + WIFI/4G at the same time)



2xDDR5 4800MHz SODIMM, max 64 GB



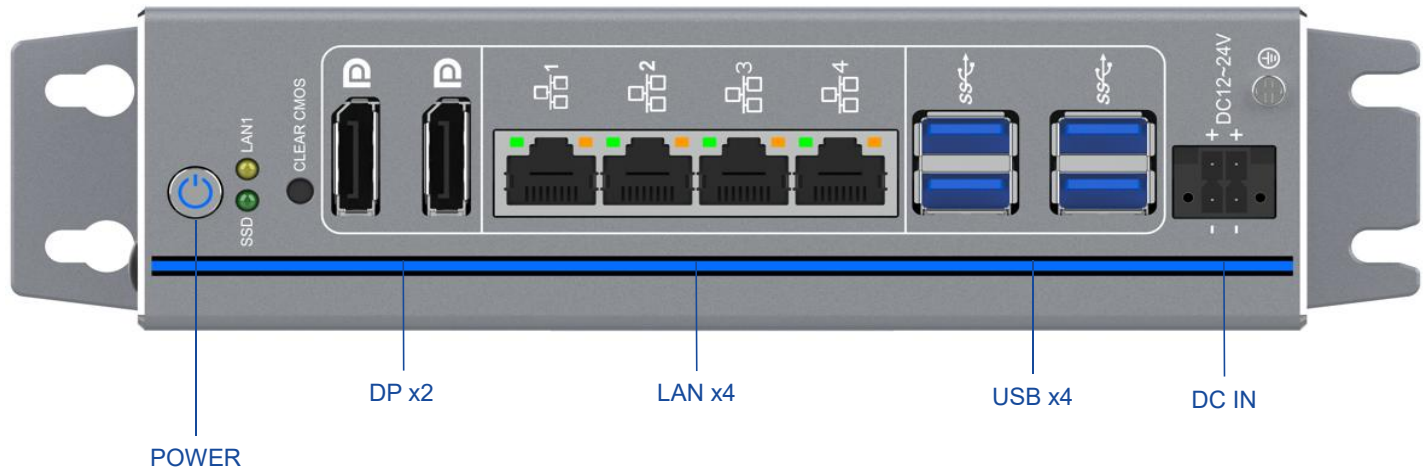
2xDP, synchronous/asynchronous dual display



3xIntel i210 lan + 1xIntel i219 lan (LAN1 support Vpro)



4xUSB3.0



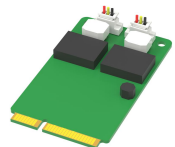
Optional extensions



4G Module



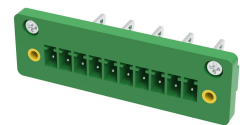
WIFI/Bluetooth Module



CAN



COM



GPIO

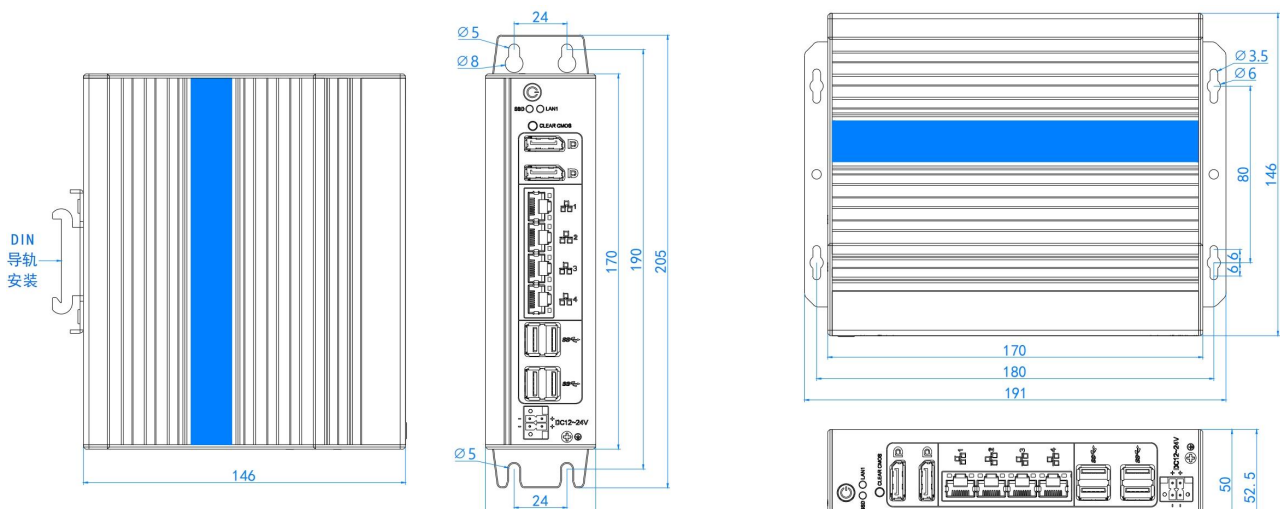
Specification

Parameter	
Processor	Intel i5-1245U (10 core 12 threads, Turbo. 4.4 GHz) Intel i7-1255U (10 core 12 threads,Turbo. 4.7 GHz)
Chipset	Alder Lake-U
Memory	2xDDR5 4800MHz SODIMM, Max 64 GB
Graphics Card	
Graphics	Intel(R) Iris(R) Xe Graphics
Display	2xDP(Resolution 7680 x 4320 @60Hz)
Network	
Lan Port	3xIntel i210-AT, 1xIntel i219-LM 1000M Ethernet
I/O	
USB	4xUSB 3.0
COM	Standard None Optional 2xCOM (COM1/2 RS232/485)
Audio	/
Power Supply	
Power Supply	1x4 Pin Phoenix terminal power supply, DC 12V~24V wide voltage input

Storage	
M.2	1x M.2 2280 M-key slot (support SATA SSD & NVME SSD PCEIE 1X)
MSATA	1xMSATA
Expansion	
Mini PCIE	1xfull-length Mini PCIe slot (support PCIE & USB2.0 signal, 4G/WIFI/Bluetooth optional), internal Nano-SIM card slot
Dimension	
Size	205 x 146 x 50 mm
Weight	1.54 kg
Installation	Wall-mounted (standard included), Din rail (optional), Desktop (default support)
Environment	
Temperature	-20℃~+60℃, Surface air flow
Humidity	5%~95% Non-condensing state
Other Function	Power-on, Timing boot, Wake on LAN, PXE boot, watchdog (level 0-255), TPM2.0 security encryption
	Industrial Automation, Medical, Logistics &Transportation, Warehousing, e-education and other fields.
Application	

Drawing

Unit: mm



Order Information

Configuration	Specs
1	Intel Core i5 1245U, 4xLan/4xUSB
2	Intel Core i7 1255U, 4xLan/4xUSB