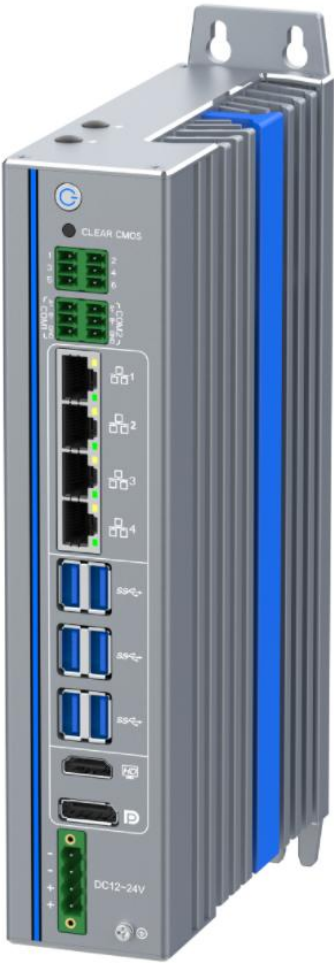


IEXP-712

Intel® 12th / 13th / 14th generation Core™ i3 / i5 / i7
desktop processor



Features:



All-aluminum alloy structure, no fan for heat dissipation design



Intel® 12th / 13th / 14th Generation Core™
Desktop Processor



2x DDR5 SODIMM ram slot, Max 64 GB



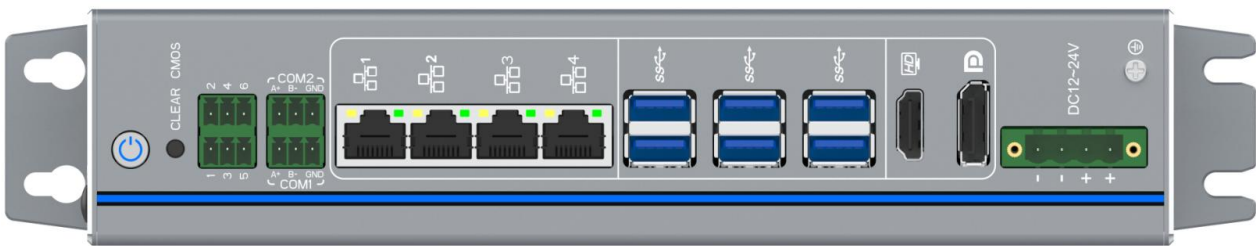
1x M.2 slot+1x MSATA+ 1x Mini PCIE (support
both M. 2 SSD + MSATA SSD + WIFI / 4G)



3x Intel I210-AT Ethernet
1x Intel I219-LM Ethernet



6x USB3.0



POWER

JCM

RS485*2
(Photoelectr

LAN *4

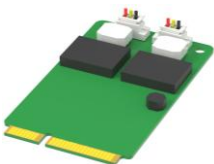
USB3.0 *6

HDMI

DP

DC IN

Optional extension



CAN



4G module



WIFI / Bluetooth

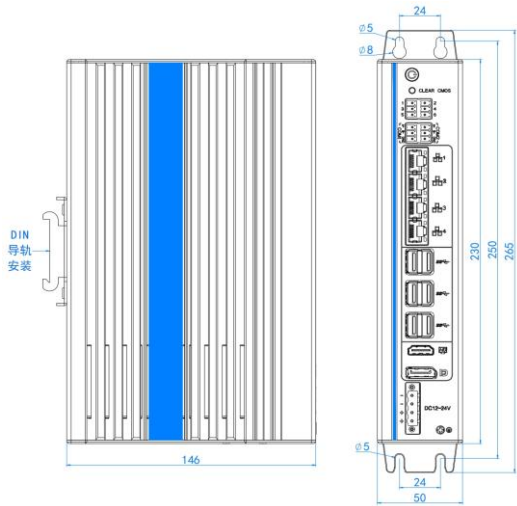
Specification

parameter	
processor	Intel Core i3-12300T (four-core eight threads, max 4.2GHz) Intel Core i5-12500T (six cores 12 threads, maxi 4.4 GHz) Intel Core i7-12700T (12 cores 20 threads, max 4.7GHz)
Arch / Chipset	H610/Q670
Memory	2x DDR5 4800MHz SODIMM memory slots, up to 64 GB
graphics card	
graphics card	Intel® UHD Graphics 730 / 770
Display port	1 HDMI (resolution up to 3840 x 2160 @60Hz) 1 DP (resolution up to 3840 x 2160 @60Hz)
Ethernet	
network	3 Intel I210-AT Ethernet and 1 Intel I219-LM Ethernet
I/O	
USB	6 USB3.0
COM	2 COM ports (default RS485, optional photoelectric isolation)
JCM	Customize the pin port
Power Supply	
power input	DC 12V~24V input, 14 Pin power supply Phoenix terminal

storage	
M.2	1 M.2 2280 M-key slot (support for NVME X1 protocol SSD or SATA protocol SSD)
MSATA	1 MSATA slot
Extended	
Mini PCIE	1 full-length Mini PCIE slot (support PCIE & USB2.0 signals, Optional 4G / WIFI / Bluetooth), internal Nano-SIM card slot
Size / weight	
size	265 * 146 * 50 mm
weight	2.21 kg (quasi-system)
Installation	Wall-mounted (standard), Din rail-mounted (optional), desktop (default)
environment	
Work Temp	-20°C ~ + 50°C, with surface air flow
Work Humi	5% ~ 95% non-condensed state
Other function	Power on, time on, network wake up, PXE start, Watch dog (0~255 level), TPM 2.0 security encryption
application	Industrial automation, medical care, logistics and transportation, warehousing, electronic education and other fields

product

Unit: mm (mm)



Order

Configuration	Specs
1	Intel Core i3-12300T,4x Lan/ 2x COM / 6x USB
2	Intel Core i5-12500T, 4x Lan/ 2x COM / 6x USB
3	Intel Core i7-12700T, 4x Lan/ 2x COM / 6x USB

packing list

Name	Quantity	Note
Power adapter	1	Optional 12V 10A
Power cable	1	CN, US, UK, EU, etc
wall mount	1	Standard