

Features:



All aluminum alloy structure, fanless design



Intel® 12th Independent Core™ i5/i7 Processor



2xDDR4 SODIMM Memory, Max 64 GB



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



2xRealtek RTL8111H Gigabit LAN

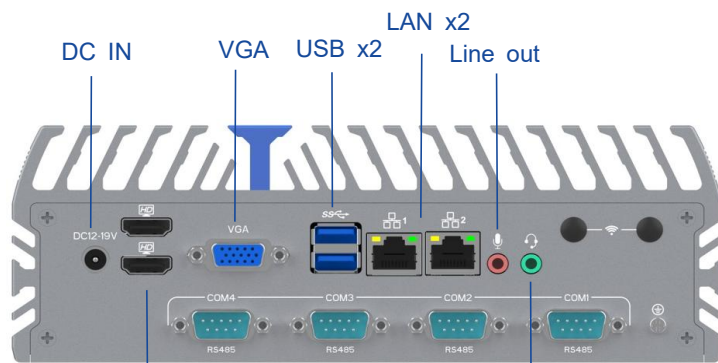


4 x RS485 COM



POWER

USB x4



DC IN

VGA

USB x2

LAN x2

Line out

HDMI x2

COM x4

MIC

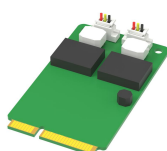
Optional extensions



4G



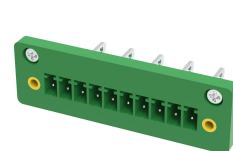
WIFI/BT Module



CAN



COM



GPIO

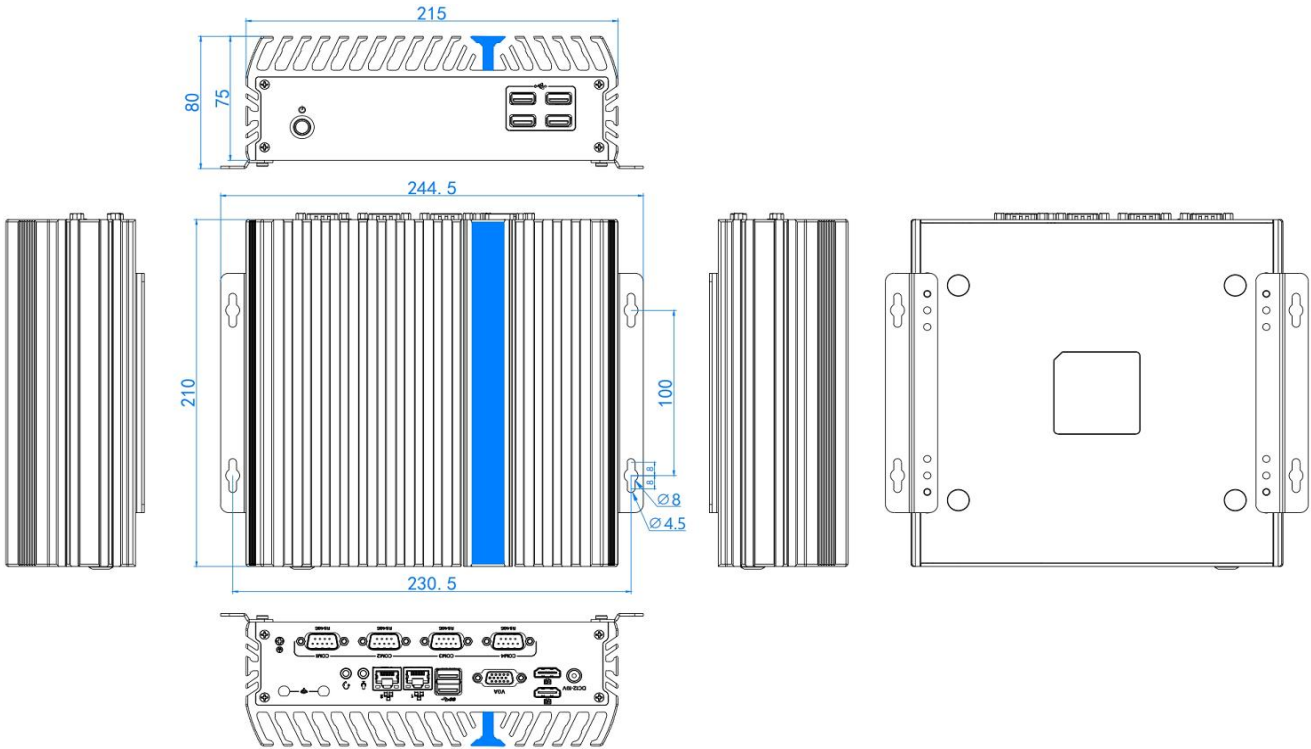
Specification

Parameter	
Processor	Intel Core i5-12500T (6 core 12 threads, Max 4.4 GHz)
	Intel Core i7-12700T (12 cores 20 threads, Max 4.7GHz)
Chipset	H610
Memory	2xDDR4 3200MHz SODIMM slot, Max 64 GB
Graphics Card	
Graphics	Intel® UHD Graphics 730/770 (Triple display)
Display	2 x HDMI Port (Resolution 3840x2160 @60Hz) 1 x VGA (Resolution 1920x1080 @60Hz)
Ethernet	
Lan Port	2xRealtek RTL8111H Gigabit LAN
I/O	
USB	2 x USB3.0, 4 x USB2.0
COM	4 x RS485 COM
Audio	1xLine out, 1xMIC
Power Supply	
Power Supply	9 ~ 36 VDC

Storage	
M.2	1xM.2 2280 M-key slot (support PCIE3.0 x4 NVME)
SATA	1x2.5 inch HDD
Expansion	
Mini PCIE	1xfull-length Mini PCIE slot (support PCIE & USB2.0 singal,Optional 4G/WIFI/BT), internal Nano-SIM card slot
Dimension	
Size	215 * 210 * 75 mm
Weight	3.27 kg (barebone)
Installation	Wall-mounted (standard included), 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	
Application	
Industrial automation, medical, logistics, transportation, warehousing, e-education etc.,	

Drawing

Unit: mm



Order Information

Configuration	Specs
1	Intel Core i5-12500T, 2 x LAN/4 x COM/6 x USB
2	Intel Core i7-12700T, 2 x LAN/4 x COM/6 x USB