



# H16x-1356 -4L6C

## Product Features

*H16x-1356-4L6C is a compact fanless industrial embedded computer based on 6th / 7th / 8th Gen Intel processors. Designed for industrial automation, IoT gateways, machine vision, data acquisition, and edge computing, it integrates reliable computing performance, 4× Intel Gigabit Ethernet, multiple USB ports, rich serial communication, and 16-channel GPIO in a compact chassis. With passive cooling, flexible M.2 expansion, triple display output, and industrial-grade I/O, it is ideal for long-term deployment in control cabinets, equipment management systems, intelligent terminals, and edge gateway applications.*

## Application Scenarios



Industrial Automation



IIoT Gateway



Machine Vision



Edge Computing

Processor	Product Collection	6th/7th/8th Generation Intel processors		
	Sockets Supported	FCBGA1356		
	Memory Type	DDR4 SO-DIMM 260Pin 1.2V		
Memory specifications	Maximum Capacity	2*16GB		
	Maximum Frequency	2133 MHz		
Storage specifications	SATA	1*SATA 3.0 (6Gb/s)		
	M.2	1*M.2 Key B+M (SATA/PCIe) SSD		
Network features	Ethernet	4*1GbE		
	Controller	4*Intel i210		
Interface	Ethernet	Ethernet	4*RJ45	
		USB-A	4*USB-A 3.0, 4*USB-A 2.0	
		Display	1*DP/2*HD	
	Front Panel	Power	1*Jack DC_IN	
		Antenna hole	4*Reserved	
		Button	1*Start or Restart	
		Audio	1*Audio Jack	
Back Panel	SIM	1*SIM Card slot		
	COM	1*Phoenix Terminal, 2*DB9		
	GPIO	1*Phoenix Terminal (16-channel GPIO)		
Extension interface	M.2	1*M.2 Key-E, 1*M.2 Key-B		
Cooling Method	Passive Cooling, Fanless (Need air flow)			
Chassis Size	200*160*54 (mm)			
System Specifications	Equipment Weight 1.35 KG; Package Weight 2.10 KG (including accessories)			
	Weight	Weight 2.10 KG (including accessories)		
Power Mode	DC	12V 7A Or Higher		
Work Environment	Temperature	0~50°C		
	Humidity	5%~90% (Relative humidity, no condensation)		